

File 608:KR/T Bus.News. 1992-2003/May 08  
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 File 625:American Banker Publications 1981-2003/May 08  
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 File 626:Bond Buyer Full Text 1981-2003/May 08  
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 File 267:Finance & Banking Newsletters 2003/May 05  
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?ds

Set	Items	Description
S1	51763	ATM OR ATMS OR AUTOMAT?() (BANKING OR TELLER?())MACHINE? OR BANKING()MACHINE? OR (TELLER? OR TRANSACTION?)(2N)(ELECTRONIC? OR MACHINE? OR DEVICE? OR APPARATUS?) OR CONSUMER()TRANSACTION()FACILIT? OR AUTOMATIC()DEPOSIT()PAYMENT()MACHINE?
S2	1149	(MANY OR VARIET? OR VARIOUS OR MULTI OR SEVERAL OR MULTIPL? OR NUMEROUS OR TWO)(5N)(CAMERA? OR IMAGE() (DEVICE? OR APPARATUS? OR RECORDER?))
S3	39075	(STORE? ? OR STORAGE OR STORING OR KEEP? OR KEPT OR SAVE OR SAVES OR SAVED OR SAVING)(5N)(IMAGE? ? OR PERSON? ? OR CLIENT? ? OR CUSTOMER? OR TRANSACTION?)
S4	15074	(RETRIEVAL? OR RETRIEVE? ? OR GETS OR GETTING OR OBTAIN? OR FETCH? ?)(5N)(IMAGE? ? OR PERSON? ? OR CLIENT? OR CUSTOMER? - OR TRANSACTION?)
S5	15793	(RECORDING? OR RECORD? ? OR DOCUMENT? OR CHRONICLE? OR FILM? ? OR PHOTOGRAPH OR PHOTOGRAPHS OR CAPTURE? ? OR CAPTURING)-(5N)(IMAGE? ? OR PERSON? ? OR CLIENT? OR CUSTOMER? OR TRANSACTION?)
S6	27	S1(S)S2
S7	0	S6(S)S3
S8	0	S6(S)S4
S9	6	S6(S)S5
S10	6	RD (unique items)
S11	5	S10 NOT PY>1999
S12	22	S6 NOT S11
S13	18	S12 NOT PY>1999
S14	18	RD (unique items)
S15	195	S1(5N)(CAMERA? OR IMAGE() (DEVICE? OR APPARATUS? OR RECORDER?))
S16	8	S15(5N)(STORE? ? OR STORAGE OR STORING OR KEEP? OR KEPT OR SAVE OR SAVES OR SAVED OR SAVING)
S17	8	<del>S16 NOT (S10 OR S14)</del>
S18	8	RD (unique items)

Reviewed all 3/15/03 JP

11/3,K/1 (Item 1 from file: 268)  
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00363892 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**ATM security devices protect cash & members**

Anonymous

Credit Union Magazine, v65, n6, p25-26, Jun 1999 DOCUMENT TYPE: Journal  
Article LANGUAGE: English RECORD TYPE: Abstract Fulltext  
WORD COUNT: 01303

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... an ATM can provide a quick solution, providing a safer environment for future ATM users.

**ATM** cameras. Financial institutions use closedcircuit television **cameras** at **ATM** locations to conduct **several** applications. They can place a **camera** within the face of an **ATM** so it can **capture** and **record images** of **ATM** users completing **transactions**. Transaction data from the **ATM**, including the time, date, transaction number, and amount dispensed, can be affixed to the patron's image, providing extensive information in case the **ATM** user's identity is ever questioned.

Whenever a member questions the validity of a specific...

11/3,K/2 (Item 2 from file: 268)  
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00337457 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Coming to an ATM near you: Iris imaging**

Beans, Kathie

Journal of Lending & Credit Risk Management, v80, n10, p28-31, Jun 1998  
DOCUMENT TYPE: Journal Article LANGUAGE: English RECORD TYPE: Abstract Fulltext  
WORD COUNT: 01979

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... newspaper reported that a banking study indicated that electronic thieves stole nearly \$100 million from **ATM** machines in the LI.S. in 1995. Reflecting the growing sophistication of **ATM** thieves, the Los Angeles Times reported that eight men were indicted for allegedly stealing millions from **ATM** machines. They set up hidden video **cameras** at **two** gas stations and a carwash in Woodland Hills and Long Beach to **record customers** typing in their PINs. They also hooked up laptop computers to the PIN pads to...

11/3,K/3 (Item 3 from file: 268)  
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00219976

**'Through-wall' cameras keep eye on Mississippi bank's ATM sites**

Anonymous

Mid-continent Banker, v79, n3, p38, Mar 1983 LANGUAGE: English  
RECORD TYPE: Abstract

ABSTRACT: Commercial National Bank in Laurel, Mississippi has installed videotape cameras in its **ATM** locations. The "through-the-wall" cameras use reusable videotape and provide time, day and date **records** of all **transactions**. The cameras are made by Mosler, an operating unit of American Standard. The bank lobby is protected by **several** closed circuit television **cameras** twenty-four hours per day. The system is tied into the Mosler bank-alarm network.

11/3,K/4 (Item 4 from file: 268)  
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00004754

**Banks focus on customers at ATM locations**

Anonymous

Banking Automation Bulletin for Europe, v122, p5-7, Aug 1993

DOCUMENT TYPE: Newsletter Article LANGUAGE: English RECORD TYPE:

Abstract

ABSTRACT: Many banks are installing surveillance cameras to record ATM transactions. Bank officials hope that the cameras will improve security, deter crime, and resolve disputed transactions by recording images of all ATM activity. Permitting customers to select their own PINS could help lessen risk that banks face due to lost or stolen cards. Barclays Bank (London) is piloting the use of security cameras at several ATMs to prevent fraud and vandalism.

11/3,K/5 (Item 1 from file: 267)  
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00000059

**ATM SECURITY FORECAST AT FOREFRONT OF 1996 PLANS**

EFT REPORT

January 17, 1996 VOL: 19 ISSUE: 2 DOCUMENT TYPE: NEWSLETTER

PUBLISHER: PHILLIPS BUSINESS INFORMATION

LANGUAGE: ENGLISH

WORD COUNT: 382

RECORD TYPE: FULLTEXT

(c) PHILLIPS PUBLISHING INTERNATIONAL All Rts. Reserv.

TEXT:

Financial institutions and automated teller machine (ATM) owners need

to protect the consumer. Safety risks must continually be re-evaluated as criminals try to find new ways of stealing from ATM cardholders.

Consumers fear ATM crime the most during the shorter days of winter, a recent survey of 1,200...

...Issue

Track/USA reports. The longer nights make customers feel uneasy about going to the ATM in the dark.

But there are some simple precautions ATM owners can take in order to prevent ATM crime.

According to nationally renowned ATM security specialist Barry Schreiber, many ATM installations at supermarkets and attended locations such as convenience stores are not equipped with cameras or even adequate alarms. Too many ATM owners are relying on the peripheral security of the host building.

"Fraudsters are having an...

...a reduction in crimes of violence. There is a temptation for the person placing the ATMs to economize, [but they shouldn't]."

ATM "discovery crimes" are on the rise, Schreiber said. These crimes usually take place while a criminal is in the process of an illegal act and "discovers" an ATM card. The cardholder is abducted, taken to an ATM and forced to withdraw money from the account.

There also are more high-tech crimes...

...your PIN again." The customer inputs his PIN, while the criminal is watching, and the ATM will return the card. The

14/3,K/1 (Item 1 from file: 608)  
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06718275 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Corona, Calif., Credit Union Office to Feature Remote Tellers**  
Don McAuliffe  
Press-Enterprise, Riverside, Calif  
November 05, 1999  
DOCUMENT TYPE: NEWSPAPER RECORD TYPE: FULLTEXT LANGUAGE: ENGLISH  
WORD COUNT: 636

...TEXT: December. Instead, customers will conduct arms-length transactions with a credit union employee via eight **ATM** -like machines that are equipped with **two** -way video **cameras** and pneumatic tubes.  
The machines are the first of their kind in the Inland Empire...

14/3,K/2 (Item 2 from file: 608)  
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06613456 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**The State, Columbia, S.C., South Carolina Column**  
State, Columbia, S.C  
December 03, 1998  
DOCUMENT TYPE: NEWSPAPER RECORD TYPE: FULLTEXT LANGUAGE: ENGLISH  
WORD COUNT: 516

...TEXT: worldwide, and the Vista Chapter passed more than 3,000 business referrals last year.  
BANK **ATMS** TO USE PHOTOS: CHARLOTTE, N.C.--First Union will install **automated teller machines** in Charlotte early next year that photograph users' faces to identify them when they cash checks.  
The **ATMS** use the so-called "biometric" identification in place of **ATM** cards, relying on **two cameras** to shoot an image of the customer's face and compare it with the one...

14/3,K/3 (Item 3 from file: 608)  
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06612781 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**New First Union ATMs in Charlotte, N.C., to Use Faces for Identification**  
Amber Veverka  
Charlotte (N.C.) Observer  
December 01, 1998  
DOCUMENT TYPE: NEWSPAPER RECORD TYPE: FULLTEXT LANGUAGE: ENGLISH  
WORD COUNT: 570

TEXT: By Amber Veverka, The Charlotte Observer, N.C.  
Dec. 1--First Union will install **automated teller machines** in Charlotte early next year that photograph users' faces to identify them when they cash checks.  
The **ATMS** use this so-called "biometric" identification in place of **ATM** cards, relying on **two cameras** to shoot an image of the customer's face and compare it to the one...

...payday lines at First Union branches, said Anne Brown, First Union vice president of the **ATM** Group.  
"When it comes down to that check-cashing transaction, they occur a lot at ...  
...money immediately, Brown said.



Please see FIRST UNION / page 2D This goes on page 2D  
Smile -- **ATM** uses your face to cash checks  
FIRST UNION from 1D  
The new **ATMs** will only offer check-cashing and won't replace First  
Union's regular machines, in...

...of the check will appear on the screen.  
The first time a customer uses the **ATM**, he will have to use a telephone  
on the machine to talk to a Mr...

...issue" and that the machine makes the check-cashing process more secure  
than when an **ATM** card is used.  
First Union now charges non-customers who want to cash checks 2 percent of  
the check amount, with a \$3 minimum, Brown said. The new check-cashing  
**ATMs** will charge a range of prices: 1.5 percent of the amount for a  
payroll...

**14/3,K/4 (Item 4 from file: 608)**  
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593937 Story Number: 9570 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**TWO BOULDER, COLO., BANK ONE BRANCHES TO CLOSE**  
Carly Schulaka  
Daily Camera (Boulder, Colorado)  
Sep 22, 1997 04:47 E.T.  
DOCUMENT TYPE: Newspaper RECORD TYPE: Fulltext LANGUAGE: English  
WORD COUNT: 0614

...TEXT: types of distribution within Mail Boxes Etc.," Roman said. "That  
could mean anything from an **ATM** to micro branches -- very small branches  
with a **variety** of services."

(c) 1997, Daily **Camera**; Boulder, Colo. Distributed by  
Knight-Ridder/Tribune Business News.

**14/3,K/5 (Item 5 from file: 608)**  
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570956 Story Number: 9748 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**EDITORIAL: SENATE SHOULD REMAIN OUT OF THE ATM FEE FRACAS**  
Orange County Register (California)  
Jun 19, 1997 20:02 E.T.  
DOCUMENT TYPE: Newspaper RECORD TYPE: Fulltext LANGUAGE: English  
WORD COUNT: 0842

...TEXT: You're talking about \$30,000 to \$50,000 just for the hardware for  
one **ATM**," Greg Wilhelm of the California Bankers Association told us on  
Tuesday. "Then, there is mechanical...

...required to fill and empty the machine. Add the expenses involved in  
lights and security **cameras**. And remember that **many** bank **ATMs** are not  
on bank premises, but in other locations that come with land- and building  
...

**14/3,K/6 (Item 1 from file: 625)**  
DIALOG(R)File 625:American Banker Publications  
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0152809  
**\* Keycorp Testing Video Banking Terminals in Ohio**  
American Banker - December 5, 1994; Pg. 13; Vol. 159, No. 232

WORD COUNT: 598

BYLINE:

By KAREN EPPER

TEXT:

...Keycorp

has begun to test video banking terminals at four Ohio locations.

These revved-up **automated teller machines** - similar to those being employed or tested by other large banks - feature **two** -way, full-motion video **cameras** and touch-screen keypads that connect consumers to centralized customer service sites.

Officials at the...

14/3,K/7 (Item 2 from file: 625)

DIALOG(R)File 625:American Banker Publications

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0151379

**Slaying of Doctor at Atlanta ATM Spurs Creation of Safety Task Force**

American Banker - October 19, 1994; Pg. 18; Vol. 159, No. 202

WORD COUNT: 481

BYLINE:

By MATTHEW BARTHEL

TEXT:

...that enables consumers to see into a site.

Though the law does not mandate that **ATMs** be monitored by video **cameras**,

Mr. Coley said **many** **ATM** sites in the Atlanta area have cameras.

In fact, in the murder case that served...

14/3,K/8 (Item 3 from file: 625)

DIALOG(R)File 625:American Banker Publications

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0122737

**\* Tight Security Sought at N.Y. ATMs: City Council Member Issues a Tough New Proposal**

American Banker - December 18, 1991; Pg. 3; Vol. 156, No. 242

WORD COUNT: 644

BYLINE:

By MATT BARTHEL

TEXT:

...Much of the city council's bill targets these areas for renovations.

Among the requirements: **two** **cameras** per site and **ATM** -enclosure access

devices that distinguish bank cards from other types of plastic with magnetic stripes...

14/3,K/9 (Item 4 from file: 625)

DIALOG(R)File 625:American Banker Publications

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0104922

**Cameras at ATMs Serve Double Duty: Some function as crime deterrents, others help apprehend the criminals.**

American Banker - December 5, 1989; Pg. 20; Vol. 154, No. 236

WORD COUNT: 917

BYLINE:  
By LISABETH WEINER

TEXT:  
...to an ATM to withdraw cash.  
Banks are not required to have cameras at their **ATM** sites. But banks' responsibilities concerning the processing of what is recorded and their role in...

...group of bankers is lobbying the Pulse network to raise interchange fees for sites without **cameras** .  
But like **many** issues facing banks, the use of cameras for security purposes must be measured in terms...  
...Feaser, manager of product management and marketing for Diebold Inc. of Canton, Ohio, which sells **ATMs** and security devices. Other estimates put the cost as high as \$6,000.  
Cost Is...

14/3,K/10 (Item 5 from file: 625)  
DIALOG(R)File 625:American Banker Publications  
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0104916  
**ATM COPS/Plus's Kirby Slunaker: Warning: Don't Be Camera Shy**  
American Banker - December 5, 1989; Pg. 13; Vol. 154, No. 236  
WORD COUNT: 270

BYLINE:  
Jeanne Dugan Cooper

TEXT:  
...Slunaker says that the Plus network encourages - but does not require - member banks to install **cameras** .  
" **Many** times a **camera** is what has really helped with regards to catching people who have used fraud or...  
...but technology gets cheaper all the time. This will become a vital component of the **ATM** world. It helps you police the **ATM** environment."  
Plus officials claim that in the summer of 1989 they came closer than ever...

14/3,K/11 (Item 1 from file: 268)  
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00338527 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Pricking the PIN**  
Davis, Donald  
Credit Card Management, v11, n3, p20-24, Jun 1998 DOCUMENT TYPE: Journal Article LANGUAGE: English RECORD TYPE: Abstract Fulltext  
WORD COUNT: 01278

(USE FORMAT 7 OR 9 FOR FULLTEXT)  
... and used them to make the maximum cash withdrawals allowed, typically \$300 to \$500, at **ATMs** . To evade detection, they typically made the withdrawals late at night, often selecting off-premise **ATMs** without security **cameras** .

After a two-year investigation, the Federal Bureau of Investigation in March obtained arrest warrants for 10 individuals...

14/3,K/12 (Item 2 from file: 268)  
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00336334

**A.T.M. Security Cameras Don't Always Do Their Job**  
Roane, Kit R

New York Times, p1, 34:1, May 17, 1998 DOCUMENT TYPE: Newspaper Article  
ARTICLE TYPE: News LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT: With customers patiently lined up behind him at an **automated teller machine** in Park Slope, Brooklyn, William DeLorge felt a gun pressed to his side and heard...

...As a result, poorly placed cameras, outdated equipment and continually reused security tapes have left **many camera** systems little more than ornaments.

14/3,K/13 (Item 3 from file: 268)  
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00318314 (USE, FORMAT 7 OR 9 FOR FULLTEXT)

**Biometrics: The new face of automated kiosks**

Anonymous

Bank Network News, v16, n3, p2,8, Jun 26, 1997 DOCUMENT TYPE: Newsletter  
Article LANGUAGE: English RECORD TYPE: Abstract Fulltext  
WORD COUNT: 01094

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... different than having a picture taken. It costs only about \$2,000 to add the **two cameras** and software to an **ATM**, Miros officials say. Moreover, the process does not interrupt the flow of the transactions, as ...

14/3,K/14 (Item 4 from file: 268)  
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00277858

**ATM security forecast at forefront of 1996 plans**

Anonymous

EFT Report, v19, n2, p8, Jan 17, 1996 DOCUMENT TYPE: Newsletter Article  
ARTICLE TYPE: News LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT: There are some simple precautions **automated teller machine** ( **ATM** ) owners can take to prevent **ATM** crime. Many **ATM** installations at supermarkets and attended installations such as convenience stores are not equipped with **cameras** or even adequate alarms. Too **many ATM** owners are relying on the peripheral security of the host building.

14/3,K/15 (Item 5 from file: 268)  
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00124554

**EFT forum: video surveillance for ATMs can be cost-effective  
protection/service teams new ATM security concern**

Gruber, Tim; Howle, Lola  
Bank Systems & Technology, v24, n10, p94-95, Oct 1987 LANGUAGE: English  
RECORD TYPE: Abstract

ABSTRACT: First Alabama Bank (Birmingham) installed video surveillance cameras at its **ATMs** to cut down on its fraud losses. The cameras cut down on the number of claims paid to customers, since **many** times the **cameras** showed a friend or relative had used the card and the victim decided not to...

...other crimes and paid for themselves in eight months. A Bank Administration Institute study on **ATM**-related crime revealed that most **ATM** robberies take place at **ATMs** placed in well lighted and/or highly visible areas, and only seven percent of robbers take the **ATM** card.

14/3,K/16 (Item 6 from file: 268)  
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00037480  
**Technology/operations: a weekly feature: tight security sought at N.Y. ATMs**  
Barthel, Matt  
American Banker, p3, Dec 18, 1991 LANGUAGE: English RECORD TYPE:  
Abstract

ABSTRACT: New York City Council member Ronnie Eldridge was robbed at an **ATM**, and as a result she pushed for an examination of **ATM** security. The examination found security problems such as in-lobby hiding places and no surveillance **cameras** at **many** of the sites examined. Eldridge is proposing a bill with **ATM** security requirements ( **two cameras** at every site, a method for emergency communication, no new outside **ATMs** ) which bankers say is costly and not necessarily an improvement.

14/3,K/17 (Item 7 from file: 268)  
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00021783  
**ATM update: it's lights, camera, action at your local ATMs**  
Anonymous  
Bank Network News, v11, n9, p7-8, Sep 25, 1992 LANGUAGE: English  
RECORD TYPE: Abstract

ABSTRACT: **Two** types of surveillance **cameras** are typically used--often together--at **ATM** sites: transaction cameras, which focus on the terminal, and security cameras, which "scan the surrounding...

...not skimming cash and can identify muggers who strike just after a transaction is finished. **Many ATMs** come with **cameras** built in, and the technology is becoming increasingly affordable.

14/3,K/18 (Item 8 from file: 268)  
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00009031  
**External fraud is no. 1 bank security concern, according to ABA survey**  
Anonymous  
Hoosier Banker, v77, n5, p4, May 1993 DOCUMENT TYPE: Journal Article  
LANGUAGE: English RECORD TYPE: Abstract

...ABSTRACT: beefing up their physical security devices or procedures in

the coming year. Top choices are **cameras** and alarm system upgrades.  
**Many** financials are providing security information, particularly relating  
to **ATM** use, to their customers.

18/3,K/1 (Item 1 from file: 608)  
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06712652 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**The Monterey County Herald, Calif., Business Briefs Column**  
Monterey County Herald, Calif  
October 21, 1999  
DOCUMENT TYPE: NEWSPAPER RECORD TYPE: FULLTEXT LANGUAGE: ENGLISH  
WORD COUNT: 725

...TEXT: who winks at us through the madness of the marketing that pays for it.  
The **cameras** in banks, **ATMs**, department **stores** and public spaces are used for more than just security. They provide marketers with data...

18/3,K/2 (Item 2 from file: 608)  
DIALOG(R)File 608:KR/T Bus.News.  
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555244 Story Number: 9788 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**THE BOSTON GLOBE FAST TRACK COLUMN**  
Ronald Rosenberg  
Boston Globe  
Apr 16, 1997 03:14 E.T.  
DOCUMENT TYPE: Newspaper RECORD TYPE: Fulltext LANGUAGE: English  
WORD COUNT: 0641

...TEXT: an attendant in Mr. Payroll's offices in Ft. Worth. Using Miros software, a video **camera** built into the **ATM** captures their faces, which gets **stored** as a database image. When the user later comes to cash the check, the system...

18/3,K/3 (Item 3 from file: 608)  
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00318466 Story Number: 6424 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**PHILADELPHIA PRIVACY EXPERTS OFFERS TIPS ON STAYING ANONYMOUS**  
Michael L. Rozansky  
The Philadelphia Inquirer  
January 14, 1996 20:55 E.T.  
DOCUMENT TYPE: Newspaper RECORD TYPE: Fulltext LANGUAGE: English  
WORD COUNT: 1159

...TEXT: Brother is Big Business," says Featherman, who sees privacy issues everywhere. The proliferation of video **cameras** at **automatic teller machines** and retail **stores** means that people are being photographed or videotaped 10 times a day, he says. Names...

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00282305 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Bank & go**  
Dalton, Patrick  
Bankers News, v4, n6, p4, Mar 12, 1996 DOCUMENT TYPE: Newsletter Article

ARTICLE TYPE: Feature LANGUAGE: English RECORD TYPE: Abstract Fulltext  
WORD COUNT: 00310

(USE FORMAT 7 OR 9 FOR FULLTEXT)  
... relatively inexpensive \$60,000 start-up cost, using prefabricated parts.  
\* Additional safety provided by convenience- store surveillance cameras and security people.  
\* Locating the ATM within the convenience store instead of the bank lobby to give customers the convenience of 24-hour service.  
In...

18/3,K/5 (Item 2 from file: 268)  
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00243777 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**The revival of the ATM market**  
Mitchell, Richard  
United States Banker, v104, n6, pATM2-ATM10, Jun 1994 DOCUMENT TYPE:  
Journal Article LANGUAGE: English RECORD TYPE: Abstract Fulltext  
WORD COUNT: 02182

(USE FORMAT 7 OR 9 FOR FULLTEXT)  
... ATMs by piloting machines with digital camera technology in the United Kingdom. In the test, cameras snap pictures of ATM users and photos are stored on easy-to-retrieve disks. NCR also is studying biometric applications, such as fingerprints, in...

18/3,K/6 (Item 3 from file: 268)  
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00130040  
**Alabama Bank reports: ATM-camera investment brings large payoff**  
Anonymous  
Bank Insurance & Protection Bulletin, v91, n1, p3, Jul 1987  
DOCUMENT TYPE: Newsletter Article LANGUAGE: English RECORD TYPE:  
Abstract

ABSTRACT: First Alabama Bank's investment in ATM-surveillance cameras for 10 ATMs has saved \$11,200 in eight months of service. By photographing ATM transactions, the bank has been...

18/3,K/7 (Item 4 from file: 268)  
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00024656  
**Banks and societies plan camera surveillance**  
Anonymous  
Financial Technology International Bulletin, v9, n12, p6, Aug 1992  
LANGUAGE: English RECORD TYPE: Abstract

...ABSTRACT: takes three to eight images of the face of every ATM user. The images are stored on hard disks. The camera also operates if the ATM is being vandalized. The images can be retrieved if a customer denies making a transaction...

18/3,K/8 (Item 5 from file: 268)  
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00015809

**Through the pin hole**

Anonymous

Banking World, v11, n1, p28, Jan 1993 LANGUAGE: English RECORD TYPE:

Abstract

...ABSTRACT: and adds ATM numbers, dates, and times to the record. The Bel-Personogram uses a **camera** to photograph the **ATM** user or vandal and **store** images on a hard disk. Both cameras operate through a tiny hole in the ATM...

File 2:INSPEC 1969-2003/Apr W4  
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 File 475:Wall Street Journal Abs 1973-2003/May 07  
 (c) 2003 The New York Times

?ds

Set	Items	Description
S1	54256	ATM OR ATMS OR AUTOMAT?() (BANKING OR TELLER?) ()MACHINE? OR BANKING()MACHINE? OR (TELLER? OR TRANSACTION?) (2N) (ELECTRONIC? OR MACHINE? OR DEVICE? OR APPARATUS?) OR CONSUMER()TRANSACTION() FACILIT? OR AUTOMATIC()DEPOSIT() PAYMENT()MACHINE?
S2	7181	(MANY OR VARIET? OR VARIOUS OR MULTI OR SEVERAL OR MULTIPL? OR NUMEROUS OR TWO) (5N) (CAMERA? OR IMAGE() (DEVICE? OR APPARATUS? OR RECORDER?))
S3	17952	(STORE? ? OR STORAGE OR STORING OR KEEP? OR KEPT OR SAVE OR SAVES OR SAVED OR SAVING) (5N) (IMAGE? ? OR PERSON? ? OR CLIENT? OR CUSTOMER? OR TRANSACTION?)
S4	35931	(RETRIEVAL? OR RETRIEVE? ? OR GETS OR GETTING OR OBTAIN? OR FETCH? ?) (5N) (IMAGE? ? OR PERSON? ? OR CLIENT? OR CUSTOMER? - OR TRANSACTION?)
S5	33571	(RECORDING? OR RECORD? ? OR DOCUMENT? OR CHRONICLE? OR FILM? ? OR PHOTOGRAPH OR PHOTOGRAPHS OR CAPTURE? ? OR CAPTURING) - (5N) (IMAGE? ? OR PERSON? ? OR CLIENT? OR CUSTOMER? OR TRANSACTION?)
S6	14	S1 AND S2
S7	2	S6 AND (S3 OR S4 OR S5)
S8	2	RD (unique items)
S9	184	S1 AND (CAMERA? OR IMAGE() (DEVICE? OR APPARATUS? OR RECORDER?))
S10	21	S9 AND (S3 OR S4 OR S5)
S11	19	S10 NOT S8
S12	16	S11 NOT PY>1999
S13	16	RD (unique items)

*Reviewed all 3/15/03*

7/5/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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6807673 INSPEC Abstract Number: B2001-02-7510P-077, C2001-02-7330-246

**Title: Evaluation of a digital camera for acquiring radiographic images for telemedicine applications**

Author(s): Krupinski, E.; Gonzales, M.; Gonzales, C.; Weinstein, R.S.

Author Affiliation: Dept. of Radiol.-Res., Arizona Univ., Tucson, AZ, USA

Journal: Telemedicine Journal and e-Health vol.6, no.3 p.297-302

Publisher: Mary Ann Liebert,

Publication Date: Fall 2000 Country of Publication: USA

ISSN: 1530-5627

SICI: 1530-5627(200023)6:3L.297:EDCA;1-Q

Material Identity Number: C398-2000-001

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P); Experimental (X)

Abstract: Many rural sites cannot afford a digitizer to digitize radiographic films and transmit them via a telemedicine network for review by a radiology specialist. This project tested the feasibility of using a consumer digital still camera to **photograph** radiographic **images** and transmit them via a telemedicine network to a consulting hub site. In this study, the feasibility of using a digital camera to photograph plain film radiographs of 40 bone trauma cases from a rural health center in Arizona was tested. The cases were transmitted to the Arizona Telemedicine Program hub site using a private asynchronous transfer mode ( **ATM** ) network based on T1 carriers. Two orthopedic surgeons and two radiologists reviewed the cases on a color monitor and the original **film images** . The readers also rated the image quality. There were no significant differences in diagnostic accuracy between conventional film and telemedicine reading. Diagnostic agreement between film and monitor viewing was quite high, as was agreement in confidence ratings. Image quality was generally rated as excellent to good in both viewing conditions. Cases that did not correlate well were judged to have poor image quality, or diagnoses were based on photographs that had part of the diagnostic region of interest cropped off. It was determined that a digital still **camera** can be used effectively in **many** cases to **photograph** radiographic **images** for transmission and viewing via a telemedicine network, as long as adequate views, zoomed-in regions of interest and good-quality original films are used in the acquisition process. (9 Refs)

Subfile: B C

Descriptors: asynchronous transfer mode; biomedical equipment; bone; cameras; diagnostic radiography; image processing equipment; medical image processing; photography; telemedicine

Identifiers: digital camera evaluation; radiographic image acquisition; telemedicine network; rural health center; radiographic film digitization; photography; image transmission; consulting hub site; plain film radiographs; bone trauma cases; Arizona Telemedicine Program hub site; private **ATM** network; asynchronous transfer mode; T1 carriers; orthopedic surgeons; radiologists; color monitor; image quality rating; diagnostic accuracy; diagnostic agreement; confidence ratings; viewing conditions; correlation; zoomed-in regions of interest

Class Codes: B7510P (X-ray techniques: radiography and computed tomography (biomedical imaging/measurement)); B7220 (Signal processing and conditioning equipment and techniques); B6135 (Optical, image and video signal processing); B6150C (Communication switching); B7550 (Biomedical communication); C7330 (Biology and medical computing); C5530 (Pattern recognition and computer vision equipment); C5260B (Computer vision and image processing techniques)

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7/5/2 (Item 1 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

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05212218

Anti-theft system for **ATMs**

IRELAND - BEL-TECH HAS ANTI-THEFT SYSTEM FOR **ATMS**

Irish Independent (II) 23 July 1992 p4

ISSN: 0021-1222

Bel-Tech (Dublin, Ireland), security concern, has a security system to prevent **ATM** theft. The system can take pictures of each user of the **ATM** via a pin-hole tamper-proof camera which **stores** the **images** on hard disk with the card number and time. It will close down the whole machine if a thief tries to block it off with, for example, chewing gum. If the machine is subjected to a sledge-hammer attack the **camera** will freeze the previous **two** minutes of film. Price for a complete system is IP3k per **ATM**.

COMPANY: BEL-TECH

PRODUCT: Cash Dispensers/ **ATM** Systems (3573CD); Electronic Banking Services (6005);

EVENT: NEW PRODUCT LAUNCH (33);

COUNTRY: Ireland/Eire (4IRE); OECD Europe (415); European Economic Community Countries (419); Northern Ireland and Eire (439);

13/5/1 (Item 1 from file: 2)

DIALOG(R) File 2:INSPEC

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6427520 INSPEC Abstract Number: A2000-02-4725Q-016, B2000-01-7320R-006

**Title: Improved technique to measure time- and space-resolved heat transfer under single bubbles during saturated pool boiling of FC-72**

Author(s): Sungwon Bae; Moochwan Kim; Jungho Kim

Author Affiliation: Dept. of Mech. Eng., Pohang Univ. of Sci. & Technol., Kyungbuk, South Korea

Journal: Experimental Heat Transfer vol.12, no.3 p.265-78

Publisher: Taylor & Francis,

Publication Date: July-Sept. 1999 Country of Publication: UK

CODEN: EXHTEV ISSN: 0891-6152

SICI: 0891-6152(199907/09)12:3L:265:ITMT;1-B

Material Identity Number: M848-1999-003

U.S. Copyright Clearance Center Code: 0891-6152/99/\$12.00+.00

Language: English Document Type: Journal Paper (JP)

Treatment: Experimental (X)

**Abstract:** The objective of this work is to measure space- and time-resolved heat transfer variations during nucleate pool boiling of FC-72 using a microscale heater array in conjunction with a high-speed CCD. The feedback loops used in this work are vast improvements over those used in previous work, and are described here in detail. The heater array is constructed using VLSI techniques, and consists of 96 serpentine platinum resistance heaters on a quartz substrate. Electronic feedback loops are used to keep the temperature of each heater in the array at a specified value, and the variation in heater power required to do this is measured. Data are obtained with the bulk liquid subcooled by 2 degrees C at a system pressure of 0.8 atm. Isolated bubbles are obtained at a wall superheat of 29 degrees C. One nucleation site occurred in the middle of a 2\*2 array of heaters and at least three heater lengths away from other bubbles. The heat transfer variation versus time from the four heaters directly around this nucleation site is plotted and correlated with images of the bubble obtained using the high-speed CCD. It is revealed that there are other major heat transfer mechanisms in addition to the microlayer evaporation, which had been thought to be the dominant heat transfer mechanism in saturated pool boiling. The purpose of this article is to provide a description of the experimental technique and demonstrate the technology.

(8 Refs)

Subfile: A B

Descriptors: boiling; bubbles; CCD image sensors; data acquisition; evaporation; flow measurement; heat transfer; thermal variables measurement

Identifiers: heat transfer variations; single bubbles; saturated pool boiling; time-resolved heat transfer; space-resolved heat transfer; heat transfer measurement; microscale heater array; FC-72 fluid; high-speed CCD camera; heater feedback control circuit; data acquisition system; vegetable oil jet; platinum resistance heaters; quartz substrate; heat transfer mechanisms; microlayer evaporation; boiling curve; nucleate boiling heat flux; 0.8 atm

Class Codes: A4725Q (Convection and heat transfer); A6470F (Liquid-vapour transitions); A4780 (Instrumentation for fluid dynamics); A4755K (Multiphase flows); A0720 (Thermal instruments and techniques); A4430 (Heat transfer in inhomogeneous media and through interfaces); A4280Q (Image detectors, convertors, and intensifiers); A0650D (Data gathering, processing, and recording, data displays including digital techniques); B7320R (Thermal variables measurement); B7230G (Image sensors); B7210G (Data acquisition systems)

Numerical Indexing: pressure 8.1E+04 Pa

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13/5/2 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

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6033081 INSPEC Abstract Number: A9821-5280-009, B9811-2810D-001

**Title:** High voltage subnanosecond dielectric breakdown

**Author(s):** Mankowski, J.; Dickens, J.; Kristiansen, M.

**Author Affiliation:** Pulsed Power Lab., Texas Tech. Univ., Lubbock, TX, USA

**Conference Title:** 25th Anniversary, IEEE Conference Record - Abstracts. 1998 IEEE International Conference on Plasma Science (Cat. No.98CH36221)

p.270

**Publisher:** IEEE, New York, NY, USA

**Publication Date:** 1998 **Country of Publication:** USA 343 pp.

**ISBN:** 0 7803 4792 7 **Material Identity Number:** XX98-00643

**Conference Title:** Proceedings of 25th International Conference on Plasma Sciences

**Conference Sponsor:** Plasma Sci. & Applications Committee of the IEEE Nucl. & Plasma Sci. Soc

**Conference Date:** 1-4 June 1998 **Conference Location:** Raleigh, NC, USA

**Language:** English **Document Type:** Conference Paper (PA)

**Treatment:** Experimental (X)

**Abstract:** Summary form only given, as follows. Present day ultra-wideband (UWB) radiation sources produce Megavolt pulses at 100's of picosecond (ps) risetimes. Empirical data on the breakdown characteristics for dielectric media at these short time lengths and high voltages are either extremely limited or non-existent. In support of the design of these UWB sources, we are investigating the breakdown characteristics, at these voltages and time lengths, of several liquids and gases. These include air, N/sub 2/, H/sub 2/, He, SF/sub 6/, and transformer oil. The two voltage sources used in the experiments are capable of delivering 400 and 700 kV with a 400 ps risetime into an open load. These pulses are applied to the test gap area, capable of housing various gases and liquids at pressures from less than 1 to 150 atm. An empirical relationship of E-field versus breakdown time for the observed dielectrics is presented. Several other breakdown phenomena at these fast risetimes are observed. Dielectric breakdown strength dependence on polarity is investigated. Streak camera images of arc formation are captured, providing information on gap closure velocity. Also observed is the effect of ultraviolet radiation on the statistical lag time of breakdown for gas dielectrics at various pressures. (0 Refs)

**Subfile:** A B

**Descriptors:** electric breakdown

**Identifiers:** high voltage subnanosecond dielectric breakdown; ultra-wideband radiation sources; megavolt pulses; empirical data; breakdown characteristics; dielectric media; short time lengths; high voltages; time lengths; liquids; gases; N/sub 2/; H/sub 2/; He; SF/sub 6/; transformer oil; empirical relationship; E-field; breakdown time; dielectrics; dielectric breakdown strength dependence; polarity; streak camera images; arc formation; gap closure velocity; ultraviolet radiation; statistical lag time; gas dielectrics; 400 to 700 kV; 1 to 150 atm

**Class Codes:** A5280 (Electric discharges); A5150 (Electrical phenomena in gases); B2810D (Dielectric breakdown and discharges)

**Chemical Indexing:**

N2 el - N el (Elements - 1)

H2 el - H el (Elements - 1)

He el (Elements - 1)

SF6 bin - F6 bin - F bin - S bin (Elements - 2)

**Numerical Indexing:** voltage 4.0E+05 to 7.0E+05 V; pressure 1.0E+05 to 1.5E+07 Pa

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13/5/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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4561302

**Title: Security takes centre stage ( ATMs )**

Journal: Banking World vol.11, no.11 p.28-31  
Publication Date: Nov. 1993 Country of Publication: UK  
CODEN: BAWOEX ISSN: 0737-6413  
Language: English Document Type: Journal Paper (JP)  
Treatment: Practical (P)

Abstract: Barclays has launched a pilot scheme in which pin-hole **cameras**, concealed in or near to the screen of the cash dispenser, operate at a number of its Barclaybank cash dispensers. The system, devised by Bell Security, incorporates two main elements: The Bel-Personogram system provides for closed circuit TV frames to be digitized and compressed, so that thousands of **images** can be **stored** in relatively small amounts of memory. The Bel-Tech **ATM** surveillance system captures a series of still frames of the face of the card user while a transaction is taking place and labels them with date, time, branch and account details. The unit will operate uninterrupted around the clock. It **stores images** on an internal hard disk memory and periodically downloads these to a cassette tape streamer, where the **images** can be **stored** for archival purposes. (0 Refs)

Subfile: D

Descriptors: **automatic teller machines** ; Barclays Bank; security  
Identifiers: Barclaybank cash dispensers; Bell Security; Bel-Personogram system; Bel-Tech **ATM** surveillance system  
Class Codes: D2050E (Banking); D1060 (Security)

**13/5/4 (Item 4 from file: 2)**

DIALOG(R)File 2:INSPEC

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02793730 INSPEC Abstract Number: C87006770

**Title: Automatic teller machine check-cashing mechanism with video digitizing camera**

Journal: IBM Technical Disclosure Bulletin vol.29, no.1 p.433-4  
Publication Date: June 1986 Country of Publication: USA  
CODEN: IBMTAA ISSN: 0018-8689  
Language: English Document Type: Journal Paper (JP)  
Treatment: Practical (P)

Abstract: Discloses a check-cashing **automatic teller machine**, in which a video **camera** and associated logic **capture** and **store** a digitized **image** of both sides of the check presented. This facilitates visual inspection by a teller when certain predetermined conditions are detected; otherwise the check is honored. (0 Refs)

Subfile: C

Descriptors: **automatic teller machines** ; bank data processing; computerised pattern recognition; computerised picture processing; inspection

Identifiers: predetermined conditions detection; banking DP; pattern recognition; check-cashing mechanism; video digitizing **camera** ; digitized image; visual inspection

Class Codes: C5260 (Digital signal processing); C5530 (Pattern recognition equipment); C5540 (Terminals and graphic displays); C7120 (Finance)

**13/5/5 (Item 5 from file: 2)**

DIALOG(R)File 2:INSPEC

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01084469 INSPEC Abstract Number: A77060605, B77029959

**Title: Observing and recording instantaneous images on ATM television monitors**

Author(s): Tousey, R.; Delamere, W.A.; Patterson, N.P.

Author Affiliation: E.O. Hulburt Center Space Res., US Naval Res. Lab., Washington, DC, USA

Journal: Applied Optics vol.16, no.4 p.922-5  
Publication Date: April 1977 Country of Publication: USA  
CODEN: APOPAI ISSN: 0003-6935  
Language: English Document Type: Journal Paper (JP)  
Treatment: Practical (P); Experimental (X)

Abstract: Problems caused by loss of sensitivity of the XUV monitor on Skylab were solved by introducing a persistent image-converter device and a Polaroid camera. In the image-converter an image was focused onto the fibre optic faceplate backed by an S-20, tri-alkali photocathode. Electrons were proximity focused on to a microchannel plate and the amplified image was then proximity focused onto an aluminium-coated P39 persistent phosphor. The green output image was about 10% of its initial brightness after 1 sec. With this device and Polaroid SX-70 cameras, it was possible to view the instantaneous images on the TV monitors for displaying XUV solar events. (11 Refs)

Subfile: A B

Descriptors: astronomical instruments; image convertors; monitoring; solar radiation; television applications; television camera tubes; ultraviolet astronomical observations; ultraviolet astronomy; video recording; X-ray astronomical observations; X-ray astronomy

Identifiers: Skylab; Polaroid camera; fibre optic faceplate; microchannel plate; XUV solar events; Apollo Telescope Mount television monitors; persistent image convertors; Al coated P39 phosphor; instantaneous images recording; Sun XUV images; S-20 trialkali photocathode; output image brightness; EUV; soft X-rays; image display

Class Codes: A9555E (Solar instruments); A9555L (Aerospace instrumentation); A9575K (Interferometry); A9580M (Space ultraviolet); A9580N (X-ray); A9660T (Solar electromagnetic radiation and spectra); B2360 (Electron beam scanned tubes); B6430H (Video recording); B6430J (Applications of television systems); B7210X (Other instrumentation and measurement systems)

13/5/6 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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01084468 INSPEC Abstract Number: A77060600, B77029958

Title: NRL- ATM extreme ultraviolet solar image TV monitor flown on Skylab

Author(s): Crockett, W.R.; Purcell, J.D.; Schumacher, R.J.; Tousey, R.; Patterson, N.P.

Author Affiliation: E.O. Hulburt Center Space Res., US Naval Res. Lab., Washington, DC, USA

Journal: Applied Optics vol.16, no.4 p.893-7

Publication Date: April 1977 Country of Publication: USA

CODEN: APOPAI ISSN: 0003-6935

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P); Experimental (X)

Abstract: The television monitor described was included in the Apollo Telescope Mount on Skylab to record XUV images of the sun in the range 171-630 AA. The XUV monitor was attached to the SO82B XUV spectrograph. An off-axis paraboloidal mirror (1 m focal length, 11.4 cm square) formed a solar image on an XUV-to-visible photon conversion layer (p-quaterphenyl). Aluminium filters blocked radiation of wavelengths longer than 837 AA. Fabrication and operation of the conversion layer are discussed. The TV camera tube was a low light level SEC vidicon. Normal scan rate was 30 frames/sec. The XUV monitor was used to give real-time display and record of very high temperature solar features. Examples of these images are shown. (10 Refs)

Subfile: A B

Descriptors: astronomical instruments; display instrumentation; monitoring; solar radiation; television applications; television camera tubes; ultraviolet astronomical observations; ultraviolet astronomy; X-ray astronomical observations; X-ray astronomy



Identifiers: Skylab; Apollo Telescope Mount; XUV images; p-terphenyl; very high temperature solar features; NRL ATM EUV solar image TV monitor; 171 to 630 angstroms; S082B spectrograph; off axis paraboloidal mirror; real time display; EUV to visible photon conversion layer; soft X-rays; TV recordings; SEC vidicon; Al filters

Class Codes: A9555E (Solar instruments); A9555L (Aerospace instrumentation); A9575K (Interferometry); A9580M (Space ultraviolet); A9580N (X-ray); A9660T (Solar electromagnetic radiation and spectra); B2360 (Electron beam scanned tubes); B6430J (Applications of television systems); B7260 (Display technology and systems)

13/5/7 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01720922 ORDER NO: AADAA-I9953850

**Analysis of mass transport properties of plant cells by confocal microscopy and imaging techniques**

Author: Chen, Wei

Degree: Ph.D.

Year: 1999

Corporate Source/Institution: University of Missouri - Columbia (0133)

Supervisors: Timothy A. Taylor; Jinglu Tan

Source: VOLUME 60/12-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 6219. 125 PAGES

Descriptors: ENGINEERING, AGRICULTURAL ; ENGINEERING, BIOMEDICAL ; ENGINEERING, CHEMICAL

Descriptor Codes: 0539; 0541; 0542

Confocal laser scanning microscopy (CLSM) and 3-D reconstruction methods were utilized to measure plant cell volume and surface area non-invasively. Carrot cells (*Daucus Carota* L.) from suspension were used as model cells in this study. CLSM allowed observation and optical sectioning of cells in real time and three-dimensional imaging of the cells. The non-physical sectioning of cells permitted visualization of cellular changes in a natural state with reduced artifacts. Images acquired from CLSM were reconstructed into 3-D objects for visualization and geometric measurement. The volume and surface area of individual plant cells were **obtained** from the reconstructed 3-D **images**. CLSM and 3-D reconstruction offered much more consistent measurements than manual estimation. The geometric measurements from CLSM and 3-D reconstruction were significantly different from conventional 2-D estimations. The techniques developed in this study were validated by processing images of calibration micro-spheres of known size and shape.

A micro-diffusion chamber system was developed for measuring water permeability of plant cells. The chamber was mounted on an inverted microscope. Direct observation of dynamic osmotic response of plant cells was made with a digital **camera** and video-cassette-recorder (VCR) system. Suspension tobacco cells (*Nicotiana tabacum* L.) "Hicks" were used as model specimens. After equilibration in 7% (w/v) NaCl solution (229mOsm) for 30 minutes, the cells were exposed to 3% NaCl solution (962mOsm) in the micro-diffusion chamber. The 3% NaCl solution was supplied at a rate of 35 ml/min at room temperature (about 25°C). Cell size changes were videotaped and analyzed with a parameter estimation program. Water permeability of cell membrane was determined from the cell size measurement. For tobacco cells, the membrane water permeability was  $0.26 \pm 0.03 \mu\text{m/min}$  **atm**. The osmotically inactive fraction of the cell volume ( $V_s$ ) was obtained by using the Boyle-Van't Hoff plot. It was about 25% of isotonic cell volume. The effects of freezing and blanching were analyzed with a temperature-control-stage. Different processing procedures did not cause significant changes in the mean value of water permeability. This result is in agreement with previous reports on animal and human cells. It suggests that osmotic behavior of cell membrane (expansion or shrinkage) is not an

elastic and reversible process. It also suggests that, in terms of osmotic properties, control tobacco cell membranes can be used as a reasonable approximation for membranes of frozen-thawed, blanched, and blanched-frozen-thawed cells.

13/5/8 (Item 2 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01258251 ORDER NO: AAD93-00948

**A STUDY OF THE STRUCTURE OF GASEOUS DETONATION WAVES USING RAYLEIGH SCATTERING**

Author: ANDERSON, TORGER JAMES

Degree: PH.D.

Year: 1992

Corporate Source/Institution: THE UNIVERSITY OF CONNECTICUT (0056)

Source: VOLUME 53/08-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 4318. 126 PAGES

Descriptors: ENGINEERING, MECHANICAL

Descriptor Codes: 0548

An experimental program has been conducted to develop a diagnostic technique for the study of oblique detonation waves in combustible gas mixtures. The need for multi-point, non-intrusive measurements led to the use of laser-based Rayleigh scattering to determine density. In the development of the technique, it was used to study normal detonation waves and to **obtain** two-dimensional density **images** surrounding the wave front. The detonations were generated in mixtures of H<sub>2</sub>, O<sub>2</sub> and Ar with (O<sub>2</sub>) / (Ar) held at 0.21/0.79, equivalence ratios varying between 0.6 and 1.4 and initial pressures set between .272 and .578 atm. The fourth harmonic of a Nd:YAG laser provided a pulsed sheet of UV laser light which cut through the detonation wave front as it traversed the test section to generate the Rayleigh scattering. An intensified CID **camera** was used to acquire and image the resulting signals. Schlieren images were acquired simultaneously for comparison. Cellular structure was clearly visible in the images and cell sizes have been correlated with detonation parameters for comparison with measurements and analyses by earlier investigators. The progression of wave front structure could be understood by observing images which were each acquired from different runs and at random times in the wave front development. Rayleigh signal ratios comparing reactant and product densities were quantified at various locations within the wave front. They were compared with calculated values based on shock theory and equilibrium analysis and were found to be in good agreement.

13/5/9 (Item 1 from file: 99)

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

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1209309 H.W. WILSON RECORD NUMBER: BAST95004686

**Piecing together puzzles**

Joch, Alan;

Byte v. 20 (Feb. '95) p. 82-100

DOCUMENT TYPE: Feature Article ISSN: 0360-5280 LANGUAGE: English

RECORD STATUS: New record

**ABSTRACT:** Using pattern-recognition software to analyze masses of data is becoming faster and more accurate, thanks to sophisticated algorithms and powerful, yet economical, processors. Pattern recognition is the underlying technology that enables current pen-based computer systems to recognize the written word, enables speech-recognition systems to match spoken words with a stored vocabulary of sounds, and enables quality-control systems to scan mass-production lines for defective

products. In the future, pattern recognition will enable **cameras** mounted on an **automatic teller machine** to match people's faces with **stored digital images** to give them access to their bank accounts. Recent developments in pattern-recognition technology are discussed.

DESCRIPTORS: Pattern recognition systems;

13/5/10 (Item 1 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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06578928  
Diebold Launches Voice-Recognition **ATMs**  
WORLD: NEW OPTIMUM **ATM** LAUNCHED BY DIEBOLD  
IT Times (XDM) 20 Jan 1998 P.28  
Language: ENGLISH

The new OPTimum **ATM** ( **automated teller machine** ) has been launched by Diebold Inc globally. The OPTimum **ATM** integrates face-reading and voice-print biometrics technology. The OPTimum **ATM** is developed by Diebold, Keyware Technologies and Visionics Corp. The **ATM** operates Windows NT software platform and supports Microsoft Windows DNA (Distributed iNternet Architecture) for Financial Services. When someone steps into the **ATM**, an **ATM camera** captures the user's **image** and a special Visionics FaceIt software offers automatic facial detection, location, tracking and identification. The person then says a password into the **ATM**'s microphone. KeyWare's Voice Guardian technology will then match the user's voice against a recorded voiceprint kept in a database. Upon successful verification, the user is granted his/her account access. The **ATM** does not require any personal identification numbers (PIN) to key or any passwords to enter.

COMPANY: MICROSOFT; VISIONICS; KEYWARE TECHNOLOGIES; DIEBOLD

PRODUCT: Cash Dispensers/ **ATM** Systems (3573CD); Electronic Banking Svcs (6005);  
EVENT: Product Design & Development (33); Company Formation (14);  
COUNTRY: General Worldwide (OW);

13/5/11 (Item 2 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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05950125  
**Cameras** and alarms at the **ATM**  
UK: HIDDEN **CAMERAS** AT **ATMS** TESTED  
Banking World (BGW) Mar 1994 p.33  
Language: ENGLISH

A number of building society and banks are testing the use of hidden **cameras** close to **ATMs**. The aim is to combat 'phantom withdrawals' and vandals. The **cameras** will take a picture of whoever is using the **machine** and **record transaction** details. Also alarm systems are being tested in **ATMs**.

PRODUCT: Electronic Point of Sale Systems (3573EP); Electronic Banking Svcs (6005); Fabricated Metal NEC (3499);  
EVENT: Product Design & Development (33);  
COUNTRY: United Kingdom (4UK);

13/5/12 (Item 3 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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05614288

Through the pin hole

UK - SECURITY SYSTEMS FOR **AUTOMATED TELLER MACHINES**

Banking World (BGW) 0 January 1993 p28

ISSN: 0737-6413

Quadrant and Bell Securities have both introduced systems to provide protection against vandalism and phantom withdrawals from **ATMs** (**Automated Teller Machines**). Using a pin-hole **camera** in the screen of the **ATM**, the systems **record** an **image** of anyone carrying out a transaction at the **ATM** or interfering with the machine in any way. With the Quadrant system, which costs around GBP1,250/installation, a video **camera** is used to make a continuous record of the street immediately in front of the machine. Each time a card is inserted to begin a **transaction**, the system **records** the **image** of the **person** using the card as well as key transaction data on a slow running tape. The Bel-Personogram system from Bell Securities, which costs around twice as much as the Quadrant system, takes a series of frames of a card user's face using a still **camera**. These images, together with the card number and time/date information are stored on a hard disk, and can subsequently be accessed at a PC. The Bell system also triggers the **camera** to take pictures of anyone attempting to tamper with the **ATM**. It seems likely that the use of these systems, details of which are included in the article, will be limited to sites with a record of phantom withdrawals or where there is frequent vandalism.

COMPANY: QUADRANT; BELL SECURITIES

PRODUCT: Cash Dispensers/ **ATM** Systems (3573CD); Electronic Banking Services (6005);

EVENT: NEW PRODUCT DEVELOPMENT (33);

COUNTRY: United Kingdom (4UK); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420); South East Asia Treaty Organisation (913);

13/5/13 (Item 4 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

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05302691

**Camera records cashpoint customers**

UK - VIDEOS TO RECORD **ATM** WITHDRAWALS  
Times (TS) 5 September 1992 p3

Derbyshire Building Society is among financial institutions which have been quietly trying out cashpoint **cameras** and recording technology during the last few months. The **camera** films at a rate of one frame/min, speeding up when a card is slotted in by the customer. The technology is from Quadrant Video Systems (Birmingham, UK), which is in talks with other financial institutions and says that interest is increasing due to the new codes of banking practice. These switch the burden of proof regarding phantom withdrawals to the financial institution. An estimated one third of account holders have experienced a dispute over **electronic** banking **transactions**, according to studies by Ross Anderson, Cambridge University cryptologist.

COMPANY: QUADRANT VIDEO SYSTEMS

PRODUCT: Electronic Banking Services (6005); Cash Dispensers/ **ATM** Systems (3573CD);

EVENT: PRODUCT DESIGN & DEVELOPMENT (33); NEW PRODUCT EXTENSION (33);

COUNTRY: United Kingdom (4UK); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420); South East Asia Treaty Organisation (913);

13/5/14 (Item 5 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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05280327

Banks and societies plan **camera** surveillance

UK - BUILDING SOCIETIES AND BANKS TEST BEL-PERSONOGRAM  
Financial Technology International Bulletin (FTIB) 0 August 1992 p6

A number of unnamed UK building societies and banks are to begin testing a round-the-clock **camera** surveillance system designed to protect **ATMs** from robbery, fraud and vandalism, in August 1992. The Bel-Personogram system, provided by Bel-tech, security products unit of the Bell Security group, employs a pinhole **camera** which is placed inside or beside an **ATM** to capture between three and eight frames of the face of the user. The images, together with card number and time/date information, are digitally stored on a hard disk, with **storage** capacity of 15k **images**. The **images** are downloaded at regular intervals to a digital tape streamer unit for archival storage. At the same time the unit runs a 60-120 sec continuous digital recording loop. If the **camera** or **ATM** is tampered with, an alarm is triggered and the loop is saved to disk. Following the alarm signal an extra recording period of 60-120 c takes place, resulting in the system **storing images** which display the two mins immediately before and after the triggering of the alarm. The system will allow the building societies and banks to resolve claims of unauthorised 'phantom' withdrawals.  
COMPANY: BEL-TECH SECURITY PRODUCTS

PRODUCT: Cash Dispensers/ **ATM** Systems (3573CD); Electronic Banking Services (6005);  
EVENT: NEW SERVICE DEVELOPMENT (36);  
COUNTRY: United Kingdom (4UK); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420); South East Asia Treaty Organisation (913);

13/5/15 (Item 6 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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05014591

High-tech on test at Expo

SPAIN - TECHNOLOGY AT EXPO 92 DISCUSSED  
Times (TS) 16 April 1992 p30

Bull (France), computer company, and Telesincro (Spain), Bull subsidiary, will operate a fingerprint scanning system at Expo 92 in Seville, Spain, for the 6-month exhibition's expected 18 mil visitors. With the system, users need to have a fingerprint scanned and this is encoded onto a microchip on a credit card-sized piece of plastic. On entering Expo 92 grounds, users have to insert their card and show the relevant finger to the system. The system is mandatory for the forecast 400k people purchasing the GBP160 season ticket, and is expected to stop frequent visitors from buying a ticket and offering it around to their friends. The system and its public acceptance level have attracted the interest of retailers and banks, according to David Ferrar, Bull UK's open systems unit director, and the system may be used in credit cards and cash machines. At Expo 92, IBM is supplying 230 touch-sensitive computer screens set out in 33 kiosks of seven terminals each. The screens will use touch, voice, text and pictures to provide information on Expo 92. People can leave voice messages for each other, with a TV **camera** at each terminal **storing** a digitised **image** of the sender. Each terminal is an IBM PS/2 PC. Fujitsu (Japan), computer company, will show a 3D film in a special cinema. Article discusses these technologies at Expo 92 in further detail.

COMPANY: GROUPE BULL; TELESINCRO; BULL UK; INTERNATIONAL BUSINESS MACHINES  
; FUJITSU

PRODUCT: Computer & Data Security Software (7372CD); CAD/CAM Mechanical  
Software (COSW); Television Equipment (3651TV); Voice Messaging (4811VM);  
Data Communications (4811DC); Credit Card Services (6020CC); Cash  
Dispensers/ **ATM** Systems (3573CD); Microcomputers (3573MI);  
EVENT: NEW PRODUCT LAUNCH (33); PRODUCT REVIEW (30);  
COUNTRY: Spain (4SPA); OECD Europe (415); European Economic Community  
Countries (419); NATO Countries (420);

13/5/16 (Item 1 from file: 475)  
DIALOG(R) File 475:Wall Street Journal Abs  
(c) 2003 The New York Times. All rts. reserv.

08021444 NYT Sequence Number: 000000990512  
**BANK UNITED SAYS: DON'T FIRE (CASH) UNTIL YOU SEE THE COLORS OF THEIR EYES**  
BROOKS, RICK  
Wall Street Journal, Col. 3, Pg. 2, Sec. B  
Wednesday May 12 1999  
DOCUMENT TYPE: Newspaper JOURNAL CODE: WSJ LANGUAGE: English  
RECORD TYPE: Abstract

ABSTRACT:

Bank United Corp, hoping to attract customers drawn to new technology,  
will install the nation's first **automated teller machines** that can  
identify customers by looking at their eyes; the machines, manufactured by  
Diebold Inc, use a **camera** system developed by Sensar Inc to **photograph**  
the **customer** 's iris and compare it with an image already on file at the  
bank (M)

COMPANY NAMES: BANK UNITED CORP; DIEBOLD INC; SENSAR INC  
DESCRIPTORS: BANKS AND BANKING; **AUTOMATIC TELLER MACHINES (ATM)**;  
IDENTIFICATION DEVICES  
PERSONAL NAMES: BROOKS, RICK  
?

File 16:Gale Group PROMT(R) 1990-2003/May 07  
 (c) 2003 The Gale Group  
 File 148:Gale Group Trade & Industry DB 1976-2003/May 07  
 (c)2003 The Gale Group  
 File 160:Gale Group PROMT(R) 1972-1989  
 (c) 1999 The Gale Group  
 File 275:Gale Group Computer DB(TM) 1983-2003/May 07  
 (c) 2003 The Gale Group  
 File 621:Gale Group New Prod.Annou.(R) 1985-2003/May 07  
 (c) 2003 The Gale Group  
 File 636:Gale Group Newsletter DB(TM) 1987-2003/May 07  
 (c) 2003 The Gale Group

?ds

Set	Items	Description
S1	306377	ATM OR ATMS OR AUTOMAT?() (BANKING OR TELLER?) (MACHINE? OR BANKING()MACHINE? OR (TELLER? OR TRANSACTION?) (2N) (ELECTRONIC? OR MACHINE? OR DEVICE? OR APPARATUS?) OR CONSUMER()TRANSACTION() FACILIT? OR AUTOMATIC() DEPOSIT() PAYMENT() MACHINE?
S2	25223	(MANY OR VARIET? OR VARIOUS OR MULTI OR SEVERAL OR MULTIPL? OR NUMEROUS OR TWO) (5N) (CAMERA? OR IMAGE() (DEVICE? OR APPARATUS? OR RECORDER?))
S3	407514	(STORE? ? OR STORAGE OR STORING OR KEEP? OR KEPT OR SAVE OR SAVES OR SAVED OR SAVING) (5N) (IMAGE? ? OR PERSON? ? OR CLIENT? ? OR CUSTOMER? OR TRANSACTION?)
S4	148236	(RETRIEVAL? OR RETRIEVE? ? OR GETS OR GETTING OR OBTAIN? OR FETCH? ?) (5N) (IMAGE? ? OR PERSON? ? OR CLIENT? OR CUSTOMER? - OR TRANSACTION?)
S5	258916	(RECORDING? OR RECORD? ? OR DOCUMENT? OR CHRONICLE? OR FILM? ? OR PHOTOGRAPH OR PHOTOGRAPHS OR CAPTURE? ? OR CAPTURING) - (5N) (IMAGE? ? OR PERSON? ? OR CLIENT? OR CUSTOMER? OR TRANSACTION?)
S6	67	S1(S)S2
S7	9	S6(S) (S3 OR S4 OR S5)
S8	5	S7 NOT PY>1999
S9	5	RD (unique items)
?		

*Reviewed all 3/15/03*

9/3,K/1 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

10931926 SUPPLIER NUMBER: 54313457 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**New technologies to combat check fraud.**  
Jeffords, Raymond; Thibadoux, Greg; Scheidt, Marsha  
CPA Journal, 69, 3, 30(5)  
March, 1999  
ISSN: 0732-8435 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3032 LINE COUNT: 00251

... fraud.  
Less obtrusive biometric identification is currently available through the use of electronic signature equipment. **Customers** are asked to sign paper **documents** against a flat pad that senses the pattern, speed, and pressure of the electronic pen...

...physical features of the iris or retina, various facial dimensions, and analysis of speech patterns. **Automatic teller machines** are currently being developed that can identify bank customers based upon iris scans. In less than **two** seconds, a **camera** is able to locate and scan the iris, record distinct features in a barcode format...

9/3,K/2 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

10273154 SUPPLIER NUMBER: 20822789 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Coming to an ATM near you: iris imaging. (automated teller machines)**  
Beans, Kathie  
Journal of Lending & Credit Risk Management, v80, n10, p28(4)  
June, 1998  
ISSN: 0021-986X LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2104 LINE COUNT: 00168

... newspaper reported that a banking study indicated that electronic thieves stole nearly \$100 million from **ATM** machines in the U.S. in 1995. Reflecting the growing sophistication of **ATM** thieves, the Los Angeles Times reported that eight men were indicted for allegedly stealing millions from **ATM** machines. They set up hidden video **cameras** at **two** gas stations and a carwash in Woodland Hills and Long Beach to **record customers** typing in their PINs. They also hooked up laptop computers to the PIN pads to...

9/3,K/3 (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

05911242 SUPPLIER NUMBER: 12410943 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Tough trends for ATMs. (automated teller machines)**  
Schreiber, F. Barry  
Security Management, v36, n4, p26(5)  
April, 1992  
ISSN: 0145-9406 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 2864 LINE COUNT: 00226

... risk at ATMs during after-hours transactions that they make. Better lighting also will enhance **many** **ATM transaction** and surveillance **camera photographs**. **ATM** camera photos have been dramatically helpful in apprehending **ATM** robbers. Quality **ATM** photographs of crime perpetrators have been used by the



police and media...

9/3,K/4 (Item 4 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

01894186 SUPPLIER NUMBER: 02955544 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Credit-card ripoffs: a spreading epidemic.**  
Scherschel, Patricia M.  
U.S. News & World Report, v95, p78(2)  
Oct 3, 1983  
CODEN: XNWRA ISSN: 0041-5537 LANGUAGE: ENGLISH RECORD TYPE:  
FULLTEXT  
WORD COUNT: 1365 LINE COUNT: 00106

... merchants from selling copies of credit-card receipts.  
Banks are also moving to safeguard their **automatic - teller machines** and their users. Most institutions now require customers to identify themselves by keying in a...

...deter dishonest customers from claiming that they did not make withdrawals shown on their statements, **many** banks have installed **cameras** that **record transactions** under way. The photos are also used to identify **ATM** card thieves.

A growing number of banks are installing closed-circuit television or other surveillance...

9/3,K/5 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

01808781 Supplier Number: 43052266 (USE FORMAT 7 FOR FULLTEXT)  
**N.Y. BANKERS COME OUT SWINGING AT ATM SECURITY LEGISLATION**  
Bank Automation News, v4, n11, pN/A  
June 3, 1992  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 1057

... the Council.  
Banks must maintain the security measures covered by Bill 82-A at each **ATM** if it is passed. First, a surveillance **camera** or **two** must view and record all people entering, exiting and moving within or around the facility. The camera doesn't have to view the actual transaction or the **person** making the **transaction**. The **recordings** made by the camera must be preserved by the bank for a minimum of seven...

?ds

Set	Items	Description
S1	809	ATM OR ATMS OR AUTOMAT?() (BANKING OR TELLER?) (MACHINE? OR BANKING()MACHINE? OR (TELLER? OR TRANSACTION?) (2N) (ELECTRONIC? OR MACHINE? OR DEVICE? OR APPARATUS?) OR CONSUMER()TRANSACTION()FACILIT? OR AUTOMATIC()DEPOSIT()PAYMENT()MACHINE?
S2	147	(MANY OR VARIET? OR VARIOUS OR MULTI OR SEVERAL OR MULTIPL? OR NUMEROUS OR TWO) (5N) (CAMERA? OR IMAGE() (DEVICE? OR APPARATUS? OR RECORDER?))
S3	2344	(STORE? ? OR STORAGE OR STORING OR KEEP? OR KEPT OR SAVE OR SAVES OR SAVED OR SAVING) (5N) (IMAGE? ? OR PERSON? ? OR CLIENT? OR CUSTOMER? OR TRANSACTION?)
S4	883	(RETRIEVAL? OR RETRIEVE? ? OR GETS OR GETTING OR OBTAIN? OR FETCH? ?) (5N) (IMAGE? ? OR PERSON? ? OR CLIENT? OR CUSTOMER? - OR TRANSACTION?)
S5	2054	(RECORDING? OR RECORD? ? OR DOCUMENT? OR CHRONICLE? OR FILM? ? OR PHOTOGRAPH OR PHOTOGRAPHS OR CAPTURE? ? OR CAPTURING) - (5N) (IMAGE? ? OR PERSON? ? OR CLIENT? OR CUSTOMER? OR TRANSACTION?)
S6	2	S1 AND S2
S7	10	S1 AND (CAMERA? OR IMAGE() (DEVICE? OR APPARATUS? OR RECORDER?))
S8	0	S7 AND (S3 OR S4 OR S5)
S9	8	S7 NOT S6

*Reviewed all 7/15/03*

6/5/1

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2003 Info.Sources Inc. All rts. reserv.

00143701 DOCUMENT TYPE: Review

**PRODUCT NAMES: Biometrics (830213)**

**TITLE: the eyes have it: concerned about security, companies may soon...**

AUTHOR: Banham, Russ

SOURCE: CFO, v18 n11 p45(2) Oct 2002

ISSN: 8756-7113

HOME PAGE: <http://www.cfonet.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

A discussion of the increasing use of biometrics systems to protect systems and premises points out the need for triangulation (combining several biometric technologies to guard against possible threats), which is increasing interest in less widely used biometric technologies. Examples include iris scanning; gait recognition; ear-pattern recognition; and smell recognition. Fingerprints are more accurate than facial recognition, but FR could be useful to show who a person might be, which could then be verified by other biometrics. The data entered into the system to identify a person come from scanned photos, and are evaluated by software that measures many attributes, including the distance from the bottom of the nose to the top of the upper lip. The data are stored in a database for purposes of comparison. Expect facial scanning at **ATMs** to in time replace PINs. Few corporations use iris scanning, because they cost almost twice as much as equivalent fingerprint systems, and they also require the user to stare at a **camera** lens for **several** seconds to win recognition. An iris scanning system is being piloted in the United Kingdom by two airlines. 'Smell-ometrics' is under development at Caltech. Gait recognition and ear-pattern recognition are in the very early stages of investigation.

COMPANY NAME: Vendor Independent (999999)

SPECIAL FEATURE: Screen Layouts Output Samples

DESCRIPTORS: Biometrics; Computer Security; Hardware Selection; Software Selection

REVISION DATE: 20030430

6/5/2

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00104092 DOCUMENT TYPE: Review

**PRODUCT NAMES: TrueFace Web Logon 95 (672335); FaceIt (676764)**

**TITLE: Facing up to security: Biometrics finds an intranet niche**

AUTHOR: Gibbs, Mark

SOURCE: Network World, v14 n38 pS10(1) Sep 22, 1997

ISSN: 0887-7661

HOME PAGE: <http://www.nwfusion.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

White Pine Software's Cu-SeeMe featuring Identification & Verification's Facekey II, Miros' TrueFace CyberWatch Logon 95, and Visionics' FaceIt are

products highlighted in a brief discussion of tools that measure a human's biological characteristics in order to make an identification for security purposes. Automated fingerprinting and retinal scans are not currently commercially feasible products, but face recognition is. Users can log onto computers simply by standing in front of a camera, and recognition, authorization, and logon are automatic. The products are being integrated with screen savers, so that when the screen saver is launched, only the user of the active logon can unlock the PC. CyberWatch Logon 95 is a neural network-enabled system, and users need to 'train' the system to recognize their faces. When trained, users just look at the camera to obtain validation and be granted or denied access. The powerful system will be used on an **automated teller machine ( ATM )** system. Miros also provides a software developers' kit and GateWatch, a turnkey hardware solution based on CyberWatch that governs door access. GateWatch has **two cameras** that provide stereoscopic images. FaceIt will be included in CU-SeeMe videoconferencing system software, and FaceKey II is the least costly system available.

COMPANY NAME: Miros Inc (601993); Identix Inc (656798)

SPECIAL FEATURE: Screen Layouts Tables

DESCRIPTORS: Artificial Intelligence; **ATMs** ; Banks; Biometrics; Building Security; Neural Networks; Security; Videoconferencing

REVISION DATE: 20020722

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9/5/1

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2003 Info.Sources Inc. All rts. reserv.

01403768 DOCUMENT TYPE: Product

**PRODUCT NAME: LaserHindi Sanskrit for Windows 7.4 (403768)**

Linguist's Software Inc (418528)  
PO Box 580  
Edmonds, WA 98020-0580 United States  
TELEPHONE: (425) 775-1130

RECORD TYPE: Directory

CONTACT: Sales Department

LaserHindi Sanskrit for Windows 7.4 is a professional-quality, hinted TrueType and **ATM** -compatible Type 1 HindiSanskrit plain font. TrueType requires Microsoft Windows 3.1+ and works with Word 6 for DOS. Type 1 uses **ATM** (TM) and Windows, and works with OS/2 and AutoCAD 12. A NeXT version is available. Vowels, nasals, and Vedic accents overstrike the preceding to give a handwriting 'feel'. All accents and overstrikes have automatic non-deleting backspacing in any combination over any symbol. All consonant clusters are easily available or creatable. A mini-headline key allows for careful spacing of difficult groupings. Results therefore can produce **camera** -ready copy for publishing. Users can easily mix in English text. The Keyboard Switcher permits four characters per key in Windows. These scaleable outline fonts display and print at all sizes.

DESCRIPTORS: Fonts; Foreign Language Packages; Word Processing Utilities

HARDWARE: IBM PC & Compatibles  
OPERATING SYSTEM: Windows  
PROGRAM LANGUAGES: Not Available  
TYPE OF PRODUCT: Micro  
POTENTIAL USERS: Foreign Language Word Processing  
DATE OF RELEASE: 07/1992  
PRICE: \$99.95 plus s+h; site licensing available for educational institutions

DOCUMENTATION AVAILABLE: User manuals  
TRAINING AVAILABLE: Technical support; telephone support  
OTHER REQUIREMENTS: 4MB RAM; Windows 3.1+ for TrueType, ATM and Windows 3.1+ for Type 1 required  
REVISION DATE: 20001022

9/5/2

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00143503 DOCUMENT TYPE: Review

**PRODUCT NAMES: Click to Meet Express (114693)**

**TITLE: Click to Meet Express**  
AUTHOR: Staff  
SOURCE: Internet Telephony, v5 n10 p27(2) Oct 2002  
ISSN: 1098-0008  
HOMEPAGE: <http://www.internettelephony.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A

First Virtual Communications' (FVT's) Click To Meet Express, a videoconferencing, collaborative computing, and instant messaging solution for the enterprise, gets excellent marks overall, offering features that include the most useful abilities of the Web conferencing world with the significant advantages of the videoconferencing environment in one, integrated Web-enabled application. A browser installs automatically as a plug-in to install all needed codecs and configuration software. Any user can be invited to a conference via e-mail and use features such as Voice-over-IP (VoIP) audio, video presentation, and collaboration tools. Conferencing is supported via ISDN and **ATM** equipment through a gateway, and ClickToMeet Express is versatile enough to permit standard public switched telephone network callers (on a land line or a cell phone) to participate. ClickToMeet Express is available to enterprises and to service providers, which can offer a hosted solution so that user need only supply video **cameras** and PCs only not purchase hardware. Testers conducted a four-party convergence without a **camera**, but obtained three video streams from two FVC employees and FVC's PR representative, who had **cameras**. Participants are invited by entering their e-mail addresses or using IM. Advanced Microsoft Windows XP features are supported. At any time, any conference participant can request control of the presentation and load documents from Microsoft Office applications.

COMPANY NAME: First Virtual Communications (665606)  
SPECIAL FEATURE: Charts Screen Layouts  
DESCRIPTORS: Collaborative Commerce; Conferencing; Groupware; IBM PC & Compatibles; Instant Messaging; Videoconferencing; VoIP; Windows XP  
REVISION DATE: 20030330

9/5/3

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00140960 DOCUMENT TYPE: Review

PRODUCT NAMES: **Biometrics (830213); Banks (830381)**

TITLE: **Blind Eye Turned to Iris Scan: Sensor to be the biometrics firm...**  
AUTHOR: Bruno, Mark  
SOURCE: Bank Technology News, v15 n7 p24(1) Jul 2002  
ISSN: 1060-3506

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Biometrics firms are looking beyond financial and government sectors for new opportunities, but some still believe that biometrics will turn up on bank machines. Biometrics firm Sensor has an interest in two major banks, both of which are considering overhauling their teller systems and equipping the **ATMs** with iris recognition **cameras** and software. In addition to placing iris scan technology on **ATMs**, banks are also considering using biometrics at teller windows and at checkpoints for fault and safety deposit box access. However, banks have changed their views on biometrics, but these implementations have not gotten past the testing stage. Consolidation in the banking industry caused them to shelve biometrics projects when integration became a greater priority. Sensor merged with IriScan to become Iridian Technologies, which still develops iris recognition software, but does not target banks as its prime customer.

COMPANY NAME: Vendor Independent (999999)  
DESCRIPTORS: **ATMs**; Banks; Biometrics; Building Security; Security  
REVISION DATE: 20021230

9/5/4

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
(c)2003 Info.Sources Inc. All rts. reserv.

00098107 DOCUMENT TYPE: Review

**PRODUCT NAMES: Netscape Navigator (530883)**

**TITLE: A Network With a View**

**AUTHOR: Snell, Monica**

**SOURCE: LAN Times, v13 n26 p35(2) Nov 25, 1996**

**ISSN: 1040-5917**

**HOME PAGE: <http://www.lantimes.com>**

**RECORD TYPE: Review**

**REVIEW TYPE: Product Analysis**

**GRADE: Product Analysis, No Rating**

ATML's VIRATAstore and Netscape Communications' Netscape Navigator work together to allow users to gain access to video mail, corporate training programs, and other applications. It is a video server that operates over asynchronous transfer mode ( ATM ) or fast-EtherNet infrastructures. StreamLogic will introduce in First Quarter 97 the Brokaw video-enhanced Web server designed for 100Base-T networks, and it also uses the Netscape browser as a client. The tools streamline adoption of video over corporate networks, but some issues still require resolution. These include the inability of standard networks (without fast LAN technology) to provide the bandwidth required to process video applications. Another potential problem is the quantity of resources required to develop video content. For good quality, companies need high-end video hardware, including camera and lighting equipment, or have to hire outside staff to generate videos. Video servers can improve corporate communications, if users install new network infrastructure such as switches and higher-speed transmission protocols. ATML and StreamLogic's video servers use a Web browser to reduce costs while adding playback video to provide enhanced employee training. Key employee applications include employee training course, intranet information sites, internal corporate addresses, and records of company meetings.

**COMPANY NAME: Netscape Communications Corp (592625)**

**SPECIAL FEATURE: Charts**

**DESCRIPTORS: Digital Video; E-Mail; Internet Browsers; LANs; Multimedia; Netscape; Network Servers; Network Software; Videoconferencing**

**REVISION DATE: 20010730**

9/5/5

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
(c)2003 Info.Sources Inc. All rts. reserv.

00088569 DOCUMENT TYPE: Review

**PRODUCT NAMES: Traffic Control (830288)**

**TITLE: The Highway Patrol**

**AUTHOR: Fabris, Peter**

**SOURCE: CIO, v9 n5 p38(7) Dec 1, 1995**

**ISSN: 0894-9301**

**HOME PAGE: <http://www.cio.com>**

**RECORD TYPE: Review**

**REVIEW TYPE: Product Analysis**

**GRADE: Product Analysis, No Rating**

In preparation for hosting the 1996 Summer Olympics, Atlanta, Georgia is installing an integrated Advanced Transportation Management System ( **ATMS** ). It uses fiber optic cabling, video **cameras** , and interactive computers to monitor and control traffic flow, and provides public transportation and air travel information. **ATMS** uses a Sybase relational database management system (RDBMS) for real-time data acquisition and control, and a rules-based system allows quick response to accidents. Because Americans like their cars, don't like heavy traffic, and are unlikely to adopt mass transportation on a large scale, many cities will emulate Atlanta. Los Angeles, California's TMS, upgraded for the 1984 Olympics, is currently coordinating state freeway meters and Santa Monica's traffic lights. U.S. drivers of the future will have ultraviolet, infrared, radar, and electronic braking, acceleration, and steering technologies for accident prevention.

COMPANY NAME: Vendor Independent (999999)  
DESCRIPTORS: Government; Municipal Management; Public Transit; Software  
Marketing; Traffic Control; Transportation  
REVISION DATE: 20000630

9/5/6

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00081678 DOCUMENT TYPE: Review

PRODUCT NAMES: AutoID (834211); Biometrics (830213)

TITLE: A defaced face can't beat the heat

AUTHOR: Burnell, John

SOURCE: Automatic ID News, v11 n8 p3(2) Jul 1995

ISSN: 0890-9760

HOME PAGE: <http://www.AutoIDNews.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Biometric identification systems are hailed as a most promising advancement in auto ID technology. A new heat-sensitive system from Technology Recognition Systems is featured for its ability to detect facial heat patterns via facial images input from an infrared **camera** . This technology would permit auto ID systems to function in a completely unobtrusive manner. Specific interaction on the part of the user would be eliminated. Potential applications include banking **ATMs** that recognize customers (sans plastic **ATM** ID card) and hospital systems to identify and protect newborns.

COMPANY NAME: Vendor Independent (999999)  
DESCRIPTORS: AutoID; Biometrics; Security  
REVISION DATE: 20011130

9/5/7

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2003 Info.Sources Inc. All rts. reserv.

00076053 DOCUMENT TYPE: Review

PRODUCT NAMES: Company--Corel Corp (852902)

TITLE: Software firm plunges into videoconferencing market

AUTHOR: Anderson, Alex

SOURCE: Computing Canada, v21 n6 p36(1) Mar 15, 1995



ISSN: 0319-0161  
HOMEPAGE: <http://www.plesman.com/cc>

RECORD TYPE: Review  
REVIEW TYPE: Company

Corel's development of the CorelVideo desktop videoconferencing product moves the company into new markets beyond graphics products like CorelDRAW. CorelVideo is a Small Computer Systems Interface (SCSI)-based product that uses Asynchronous Transfer Mode ( **ATM** ) technology for intrasite communications. Corel designed an internally used prototype which resulted in bringing the product to market. It uses a **camera** , SCSI peripherals, and Windows. Any connected PC can provide the line cards, which makes that PC a central video switch sending calls to the desired desktop. Any number of users can participate, limited only by the number of line cards available. Corel sees CorelVideo as a niche market product, because most video systems use point-to-point, or city to city communication. CorelVideo positions Corel as a provider of collaborative communications tools supported by high-quality video; the company aims for a per-user price under \$2,000.

COMPANY NAME: Corel Corp (421723)  
DESCRIPTORS: Software Marketing; Telecommunications; Videoconferencing  
REVISION DATE: 20020703

9/5/8

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
(c)2003 Info.Sources Inc. All rts. reserv.

00069939 DOCUMENT TYPE: Review

**PRODUCT NAMES: Membership Access Control System (MACS) (531057)**

**TITLE: Hand-Recognition System Shapes Up Access Control**  
AUTHOR: Jesitus, John  
SOURCE: Automatic ID News, v10 n9 p20(1) Aug 1994  
ISSN: 0890-9760  
HOMEPAGE: <http://www.AutoIDNews.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

**ATM** Technologies' Membership Access Control System (MACS) software and the HandKey hand-recognition system controls access to an Ohio YMCA. The YMCA members no longer have to carry membership cards, which did not fully ensure authorized use of facilities anyway. Members were asked to have their hands photographed for system records, which simply involves placing the hand on a pad while a **camera** takes three pictures of the hand. When the member enters the YMCA, recognition takes 1.5 seconds, and the system incorporates data that also eases corporate membership tracking for billing credits. The same type of biometric system is also common in prisons, private condo communities, college cafeterias, and computer rooms. Most users agree that handprint technology is more reliable than fingerprints, voice recognition, or retinal scanners. The technology can also be networked, with interfaces to time and attendance software products.

COMPANY NAME: **ATM** Technologies Inc (452475)  
SPECIAL FEATURE: Charts  
DESCRIPTORS: AutoID; Biometrics; Building Security; Health & Fitness  
REVISION DATE: 20011130

File 344:Chinese Patents Abs Aug 1985-2003/Feb  
(c) 2003 European Patent Office  
File 347:JAPIO Oct 1976-2003/Jan(Updated 030506)  
(c) 2003 JPO & JAPIO  
File 350:Derwent WPIX 1963-2003/UD,UM &UP=200329  
(c) 2003 Thomson Derwent  
File 348:EUROPEAN PATENTS 1978-2003/Apr W04  
(c) 2003 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20030501,UT=20030424  
(c) 2003 WIPO/Univentio

?ds

Set	Items	Description
S1	14	AU='ENRIGHT J':AU='ENRIGHT J R'
S2	0	S1 AND BANKING?
S3	26	AU='MARTIN KEVIN':AU='MARTIN KEVIN V'
S4	0	S3 AND BANKING?
S5	24	AU='STEPHENSON B':AU='STEPHENSON B W'
S6	0	S5 AND (BANKING OR ATM)
S7	0	AU='HATTHAWAY R'
S8	0	AU='KEHNER T'
S9	0	AU='KNOUFF C'
S10	0	AU='VARN K'
S11	37	AU='THOMAS JEFF DAVID':AU='THOMAS JEMPTY'
S12	1	S11 AND (ATM OR BANKING)
S13	23	AU='DRUMMOND JAY PAUL'
S14	21	S13 AND (BANKING? OR ATM)
S15	0	AU='KORTIS J'
S16	7	AU='CRANE D R':AU='CRANE DAVID L'
S17	0	S16 AND (ATM OR CAMERA?)
S18	0	AU='GOLDRING E'
S19	2	AU='NOVITSKEY R':AU='NOVITSKEY R E'
S20	87	AU='RUSSELL MICHAEL':AU='RUSSELL MUTT'
S21	1	S20 AND (ATM OR CAMERA?)
S22	8	AU='MOTT LUDWIG DR':AU='MOTT P'
S23	0	S22 AND (ATM OR CAMERA?)
S24	5	AU='DIVITA C':AU='DIVITA G'
S25	0	S24 AND ATM
S26	39	AU='WILLIAMS DOUGLAS':AU='WILLIAMS DOUGLAS LAWRENCE'
S27	0	S26 AND ATM

?

Scanned at 3/15/03

12/3,K/1 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00965352 \*\*Image available\*\*

**MULTI-LAYERED OXYGEN DETECTION SYSTEM FOR A SOLID ARTICLE**  
**SYSTEME DE DETECTION D'OXYGENE MULTICOUCHE POUR ARTICLE SOLIDE**

Patent Applicant/Assignee:

CRYOVAC INC, Post Office Box 464, 100 Rogers Bridge Rd., Duncan, SC 29334  
, US, US (Residence), US (Nationality), (For all designated states  
except: US)

Patent Applicant/Inventor:

KENNEDY Thomas C, 1403 Plantation Drive, Simpsonville, SC 29681, US, US  
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(Residence), US (Nationality), (Designated only for: US)  
BARMORE Charles R, 113 Cumberland Drive, Moore, SC 29369, US, US  
(Residence), US (Nationality), (Designated only for: US)  
ESPINEL Karina R, 23 Oregon Road, Cortlandt Manor, NY 10567, US, US  
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**THOMAS Jeffrey A**, 23 Oregon Road, Cortlandt Manor, NY 10567, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

QUATT Mark B (et al) (agent), Cryovac, Inc., Post Office Box 464, 100  
Rogers Bridge Rd., Duncan, SC 29334, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200299416 A1 20021212 (WO 0299416)  
Application: WO 2002US15384 20020515 (PCT/WO US0215384)  
Priority Application: US 2001875515 20010606

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 13636

Patent Applicant/Inventor:

... Designated only for: US)

**THOMAS Jeffrey A** ...

Fulltext Availability:

Detailed Description  
Claims

Detailed Description

... oxygen transmission rate (OTR) of 1 00 cc/m<sup>2</sup>/24hr at 250C, 0% RH, 1  
**atm** oxygen (ASTIVI.D 3985). Preferably the oxygen barrier properties of  
the barrier layers would permit a maximum OTR of 50 cc/m<sup>2</sup>/24hr at 250C,  
0% RH, 1 **atm** oxygen. More preferably, the oxygen barrier property of  
the oxygen barrier layer would permit a maximum OTIR of 25 cc/m<sup>2</sup>/24hr at  
250C, 0% RH, 1 **atm** oxygen. Most preferably, ...would permit a maximum  
OTR of 1 cc/m<sup>2</sup>/24hr at 250C, 0% RH, 1 **atm** oxygen.

All polymeric materials are capable of providing these oxygen permeation  
rates, provided their cross...

...cc at a thickness of I millm<sup>2</sup>/24hr at 250C, 0% RH,

I 0

1 **atm** oxygen, will meet the 100 cc/m<sup>2</sup>/24hr at 250C 0% RH, I **atm**

01423450

Printer mechanism for automated teller machine

Druckmechanismus für einen automatischen Bankschalter

Mecanisme d'imprimante pour un guichet de banque automatique

PATENT ASSIGNEE:

InterBold, (1575801), 5995 Mayfair Road, North Canton Ohio 44720, (US),  
(Applicant designated States: all)

INVENTOR:

Brannan, Jeffrey, A., 4496 Sherlin Avenue N.W., Massillon, Ohio 44646,  
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Drummond, Jay Paul, 1965 Augusta Drive S.E., Massillon, Ohio 44646,  
(US)

Pham, Tuyen Van, 2912 East Hills Drive,, Lexington, Kentucky 40515, (US)

Hill, Jeffrey A., 6711 Thornwood Street N.W., Canton, Ohio 44718, (US)

Mason, Thomas S., 1205 Echo Street NE, Canton, Ohio 44721, (US)

Bruss, Paul T., 416 Peak Drive, Riverton, WY 82501, (US)

Hammer, Mark, 301 Elizabeth, Riverton, WY 82501, (US)

Rowe, Jim, 607 Glacier Circle, Riverton, WY 82501, (US)

LEGAL REPRESENTATIVE:

Hector, Annabel Mary et al (74722), D Young & Co., 21 New Fetter Lane,  
London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 1201450 A1 020502 (Basic)

APPLICATION (CC, No, Date): EP 2001124953 950307;

PRIORITY (CC, No, Date): US 213411 940315

DESIGNATED STATES: DE; ES; FR; GB; IT

RELATED PARENT NUMBER(S) - PN (AN):

EP 751874 (EP 95912727)

INTERNATIONAL PATENT CLASS: B41J-035/28

ABSTRACT WORD COUNT: 153

NOTE:

Figure number on first page: 2 3

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200218	719
SPEC A	(English)	200218	6632
Total word count - document A			7351
Total word count - document B			0
Total word count - documents A + B			7351

INVENTOR:

... US)

Drummond, Jay Paul ...

...SPECIFICATION A1

TECHNICAL FIELD

This invention relates to **banking** devices and particularly to automated teller machines. Specifically this invention relates to a printer mechanism...

...customer statements, checking account statements, vouchers, scrip, and other documents.

BACKGROUND ART

Automated teller machines ( **ATM** 's) are known in the prior art.

**Banking** customers may access their accounts using a magnetically encoded card. Generally the customer will insert their card into the **ATM** which will correlate the identifying information encoded on the card with a personal identification number...

...identity to the computer system which operates the machine. Thereafter the customer may use the **ATM** to conduct **banking** transactions as well as to check the status of various accounts that they have with...  
...the transactions and inquiries are completed, the customer will receive his card back from the **ATM** along with one or more receipts documenting the transactions performed.  
As more people conduct their **banking** transactions electronically using **ATM** 's, there is a need to provide more information concerning the status of their accounts...

...usually not possible to print much information on a receipt that is provided by an **ATM** . This is because such receipts are usually fairly small in size and are much like...

...difficult to obtain enough space to accommodate a printer that can print large sheets. Because **ATM** 's must operate unattended for extended periods of time, a substantial quantity of paper is...invention is a statement presenter which stacks the statements and presents the stack to the **ATM** customer.

A further novel feature of the present invention is the ability of the invention...of the print head is extended.

In operation, a central processor 170 either in the **ATM** or remote has stored in a non volatile memory 172 associated therewith a "strike force

...  
...modes in accordance with signals from the central processor. This enables the institution operating the **ATM** to vary the print quality for various types of documents. The signals which are presented...

...associated with the central processor.

At the start of the next transaction conducted through the **ATM** which requires the printer to operate, the central processor 170 reads the accumulated ribbon use...

14/3,K/2 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01258384

**AUTOMATED BANKING MACHINE SYSTEM AND DEVELOPMENT METHOD**

**AUTOMATISCHE BANKMASCHINE SYSTEM UND ENTWICKLUNGSVERFAHREN**

**SYSTEME DE DEVELOPPEMENT DE MACHINE A TRANSACTION AUTOMATIQUE ET PROCEDE ASSOCIE**

PATENT ASSIGNEE:

DIEBOLD, INCORPORATED, (379921), 5995 Mayfair Road, North Canton, OH 44720, (US), (Applicant designated States: all)

INVENTOR:

**DRUMMOND, Jay, Paul** , 1965 Augusta Drive, S.E., Massillon, OH 44646, (US)

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PATENT (CC, No, Kind, Date): EP 1204908 A2 020515 (Basic)  
WO 200106338 010125  
APPLICATION (CC, No, Date): EP 2000948793 000719; WO 2000US19699 000719  
PRIORITY (CC, No, Date): US 144761 P 990720; US 149765 P 990819  
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS: G06F-001/00  
NOTE:

No A-document published by EPO  
LANGUAGE (Publication,Procedural,Application): English; English; English

**AUTOMATED BANKING MACHINE SYSTEM AND DEVELOPMENT METHOD**

INVENTOR:

**DRUMMOND, Jay, Paul ...**

14/3,K/3 (Item 3 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01182368

**Pre-navigate bean (including testing for download speed in determining whether to access HTTP records)**

**Vornavigations-Bean (mit Fernladungsgeschwindigkeitstest zum Feststellen ob Zugriff zu HTTP-Datensätzen möglich ist)**

**Bean de pre-navigation (comprenant un test de vitesse de telechargement pour determiner la possibilite d'acceder a des donnees HTTP)**

PATENT ASSIGNEE:

DIEBOLD, INCORPORATED, (379921), 5995 Mayfair Road, North Canton, OH 44720, (US), (Applicant designated States: all)

INVENTOR:

**Drummond, Jay Paul** , 3205 Roanoke Street, NW Massillon, Ohio 44646, (US)  
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LEGAL REPRESENTATIVE:

Boden, Keith McMurray et al (83222), D. Young & Co. 21 New Fetter Lane, London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 1030495 A2 000823 (Basic)  
APPLICATION (CC, No, Date): EP 99303399 990430;  
PRIORITY (CC, No, Date): US 77337 980527; US 91887 980707; US 95626 980807;  
US 98907 980902; US 193638 981117

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04L-029/06; G07F-019/00; G07F-009/02

ABSTRACT WORD COUNT: 227

NOTE:

Figure number on first page: 4

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200034	1351
SPEC A	(English)	200034	33417
Total word count - document A			34768
Total word count - document B			0
Total word count - documents A + B			34768

INVENTOR:

**Drummond, Jay Paul ...**

...ABSTRACT A2

An automated **banking** machine (12) is operative to conduct transactions in response to HTML documents and TCP/IP...

...with foreign servers (20, 22, 24, 26, 28,) in a wide area network (18). The **banking** machine includes a computer having an HTML document handling portion. The HTML document handling portion...

...with the HTML document handling portion and dispatches messages to operate devices in the automated **banking** machine. The devices include a sheet dispenser mechanism which dispenses currency as well as other transaction devices. The device application portion communicates with a device interfacing software portion in the **banking** machine through a device server in the intranet. The device server maintains local control over the devices in the **banking** machine including the sheet dispenser. The **banking** machine operates to read indicia on the user's card corresponding to a system address. The computer is operative to connect the **banking** machine to the home or foreign server corresponding to the system address, which connected server operates the **banking** machine until the completion of transactions by the user.

14/3,K/4 (Item 4 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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01182367

Using server ATM to present device status messages and accessing/operating devices for service activity with browser interface  
Anwendung eines Bankautomatenservers zum Vorlegen von Zustandsberichten einer Vorrichtung und Zugriffs- und Bedienvorrichtungen mit Browserschnittstelle für die Dienstleistungsaktivität

Utilisation de machine bancaire serveur pour présenter des messages de l'état de fonctionnement du dispositif et dispositifs d'accès / de fonctionnement pour activité de service avec interface de navigation

PATENT ASSIGNEE:

DIEBOLD, INCORPORATED, (379921), 5995 Mayfair Road, North Canton, OH 44720, (US), (Applicant designated States: all)

INVENTOR:

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PATENT (CC, No, Kind, Date): EP 1030276 A2 000823 (Basic)

APPLICATION (CC, No, Date): EP 99303397 990430;

PRIORITY (CC, No, Date): US 77337 980527; US 91887 980707; US 95626 980807;  
US 98907 980902; US 193647 981117  
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS: G07F-019/00; G07F-009/02; H04L-029/06  
ABSTRACT WORD COUNT: 227  
NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200034	494
SPEC A	(English)	200034	33416
Total word count - document A			33910
Total word count - document B			0
Total word count - documents A + B			33910

Using server ATM to present device status messages and  
accessing/operating devices for service activity with browser interface

INVENTOR:

Drummond, Jay Paul ...

...ABSTRACT A2

An automated **banking** machine (12) is operative to conduct  
transactions in response to HTML documents and TCP/IP...

...with foreign servers (20, 22, 24, 26, 28,) in a wide area network (18).  
The **banking** machine includes a computer having an HTML document  
handling portion. The HTML document handling portion...

...with the HTML document handling portion and dispatches messages to  
operate devices in the automated **banking** machine. The devices include a  
sheet dispenser mechanism which dispenses currency as well as other  
transaction devices. The device application portion communicates with a  
device interfacing software portion in the **banking** machine through a  
device server in the intranet. The device server maintains local control  
over the devices in the **banking** machine including the sheet dispenser.  
The **banking** machine operates to read indicia on the user's card  
corresponding to a system address. The computer is operative to connect  
the **banking** machine to the home or foreign server corresponding to the  
system address, which connected server operates the **banking** machine  
until the completion of transactions by the user.

14/3,K/5 (Item 5 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01182366

Terminal configuration methods

Verfahren zur Konfiguration eines Endgerates

Methodes de configuration de terminal

PATENT ASSIGNEE:

DIEBOLD, INCORPORATED, (379921), 5995 Mayfair Road, North Canton, OH  
44720, (US), (Applicant designated States: all)

INVENTOR:

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 1030275 A2 000823 (Basic)

APPLICATION (CC, No, Date): EP 99303396 990430;

PRIORITY (CC, No, Date): US 77337 980527; US 91887 980707; US 95626 980807;  
US 98907 980902; US 193564 981117

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G07F-019/00; G07F-009/02; H04L-029/06

ABSTRACT WORD COUNT: 227

NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200034	792
SPEC A	(English)	200034	33415
Total word count - document A			34207
Total word count - document B			0
Total word count - documents A + B			34207

INVENTOR:

Drummond, Jay Paul ...

...ABSTRACT A2

An automated **banking** machine (12) is operative to conduct transactions in response to HTML documents and TCP/IP...

...with foreign servers (20, 22, 24, 26, 28,) in a wide area network (18). The **banking** machine includes a computer having an HTML document handling portion. The HTML document handling portion...

...with the HTML document handling portion and dispatches messages to operate devices in the automated **banking** machine. The devices include a sheet dispenser mechanism which dispenses currency as well as other transaction devices. The device application portion communicates with a device interfacing software portion in the **banking** machine through a device server in the intranet. The device server maintains local control over the devices in the **banking** machine including the sheet dispenser. The **banking** machine operates to read indicia on the user's card corresponding to a system address. The computer is operative to connect the **banking** machine to the home or foreign server corresponding to the system address, which connected server operates the **banking** machine until the completion of transactions by the user.

14/3,K/6 (Item 6 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01098691

Transaction data object features including persistence, passing object and using object data for printing

Transaktionsdatenobjektmerkmale mit Persistenz, Übertragen des Objektes und Verwendung der Objektdaten zum Drucken

Caracteristiques d'objet de donnees de transaction comprenant la persistence, le transfert de l'objet et l'usage de l'objet pour l'impression

PATENT ASSIGNEE:

DIEBOLD, INCORPORATED, (379921), 5995 Mayfair Road, North Canton, OH

14/3,K/15 (Item 15 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

00964032

**AUTOMATED BANKING MACHINE APPARATUS AND SYSTEM**  
**AUTOMATISIERTES BANKINGSYSTEM UND GERAT**  
**APPAREIL ET SYSTEME DE GUICHET AUTOMATIQUE BANCAIRE**

PATENT ASSIGNEE:

DIEBOLD, INCORPORATED, (379921), 5995 Mayfair Road, North Canton, OH  
44720, (US), (Applicant designated States: all)

INVENTOR:

DRUMMOND, Jay, Paul , 3205 Roanoke Street, N.W., Massillon, OH 44646,  
(US)

BLACKSON, Dale, 5056 Paddington Down Street, Canton, OH 44718, (US)

CHEN, Lilei, 7816 Peachmont Avenue, N.W., North Canton, OH 44720, (US)

CICHON, Bob, A., 2631 Green View Center, N.W., Canton, OH 44708, (US)

COVERT, Mark, S., 3731 Frazer Street, N.W., Canton, OH 44709, (US)

LEPPER, Bradrick, Q., 1130 Apple Grove Street, N.W., North Canton, OH  
44720, (US)

MOALES, Mark, A., 5162 Bundoran Street, North Canton, OH 44720, (US)

SMITH, Mark, D., 1910 Hunting Valley, N.W., North Canton, OH 44720, (US)

LEMLEY, Robert, J., 1836 S. Old Temple Road, Lorena, TX 76655, (US)

CALIFF, Michael, E., Jr., 1202 Gatlinburg, Pflugerville, TX 78660, (US)

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MOORE, Phillip, S., 5109 Live Oak, Waco, TX 76710, (US)

SWINGLER, Steven, C., 110 Martin Drive, China Spring, TX 76655, (US)

LEGAL REPRESENTATIVE:

Boden, Keith McMurray et al (83222), D. Young & Co. 21 New Fetter Lane,  
London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 941516 A1 990915 (Basic)  
WO 9824041 980604

APPLICATION (CC, No, Date): EP 97951463 971125; WO 97US21422 971125

PRIORITY (CC, No, Date): US 31956 P 961127

DESIGNATED STATES: DE; ES; FR; GB; IT

INTERNATIONAL PATENT CLASS: G06F-017/60

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

**AUTOMATED BANKING MACHINE APPARATUS AND SYSTEM**  
**AUTOMATISIERTES BANKINGSYSTEM UND GERAT**

INVENTOR:

DRUMMOND, Jay, Paul ...

14/3,K/16 (Item 16 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

00725239

**PRINTER MECHANISM FOR AUTOMATED TELLER MACHINE**  
**DRUCKMECHANISMUS FUR BANKAUTOMAT**  
**IMPRIMANTE POUR DISTRIBUTEUR AUTOMATIQUE DE BILLETS**

PATENT ASSIGNEE:

Diebold SST Holding Company, Inc., (4148600), 5995 Mayfair Road, North  
Canton, Ohio 44720, (US), (Proprietor designated states: all)

Diebold Holding Company, Inc., (4148610), 5995 Mayfair Road, North  
Canton, Ohio 44720, (US), (Proprietor designated states: all)

INVENTOR:

BRANNAN, Jeffrey A., 5108 Beachview Circle NW, Massillon, OH 44647, (US)

PHAM, Tuyen Van, 4 Rolling Village Lane, Massillon, OH 44647, (US)

MASON, Thomas S., 1205 Echo Street NE, Canton, OH 44721, (US)

DRUMMOND, Jay Paul , 3205 Roanoke Street NW, Massillon, OH 44646, (US)

HILL, Jeffrey A., 6216 Chermon Street NW, Canton, OH 44718, (US)

statement presenter which stacks the statements and presents the stack to the **ATM** customer.

A further feature of embodiments of the present invention is the ability to remove...of the print head is extended.

In operation, a central processor 170 either in the **ATM** or remote has stored in a non volatile memory 172 associated therewith a "strike force ...

...modes in accordance with signals from the central processor. This enables the institution operating the **ATM** to vary the print quality for various types of documents. The signals which are presented...associated with the central processor.

At the start of the next transaction conducted through the **ATM** which requires the printer to operate, the central processor 170 reads the accumulated ribbon use...

14/3,K/17 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00857195 \*\*Image available\*\*

**AUTOMATED TRANSACTION MACHINE SYSTEM AND METHOD**  
**SYSTEME ET PROCEDE POUR MACHINE TRANSACTIONNELLE AUTOMATIQUE**

Patent Applicant/Assignee:

DIEBOLD INCORPORATED, 5995 Mayfair Road, North Canton, OH 44720, US, US  
(Residence), US (Nationality)

Inventor(s):

SHEPLEY Steven, 4088 Meadow Wood Lane, Uniontown, OH 44685, US,  
CWIKLA Joseph, 1239 Glenoak Drive, Tallmadge, OH 44278, US,  
REED Bryan, 9975 Beryl Street, NW, Canal Fulton, OH 44614, US,  
BLOCK James, 5871 Alabama Ave., NW, North Lawrence, OH 44666, US,  
USNER Robert, 121 Grande Dr., Morrisville, NC 27560, US,  
DRUMMOND Jay Paul , 1965 Augusta Drive, S.E., Massillon, OH 44646, US,  
SMITH Mark D, 1910 Hunting Valley N.W., North Canton, OH 44720, US

Legal Representative:

JOCKE Ralph (agent), 231 South Broadway, Medina, OH 44256, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200190850 A2-A3 20011129 (WO 0190850)

Application: WO 2001US16775 20010523 (PCT/WO US0116775)

Priority Application: US 2000207043 20000525

Designated States: BR CA CN CO IN MX PL RU ZA

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 7253

Inventor(s):

... DRUMMOND Jay Paul

Fulltext Availability:

Detailed Description

Detailed Description

... types of ATMs include different types of devices. The different types of devices enable the **ATM** to carry out different types of transactions. For example, some types of ATMs include a...

...to add a statement printer to each of the ATMs for printing a customer's **banking** statement. Such new functionality usually requires additional software modifications to the **ATM** in addition to the new hardware.

Unfortunately the process of updating **ATM** software is typically complicated

by the fact that many financial institutions purchase **ATM** hardware from more than one manufacturer. Thus to add new software for performing a new

14/3,K/21 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00306862 \*\*Image available\*\*

**PRINTER MECHANISM FOR AUTOMATED TELLER MACHINE**  
**IMPRIMANTE POUR DISTRIBUTEUR AUTOMATIQUE DE BILLETS**

Patent Applicant/Assignee:

INTERBOLD,

Inventor(s):

BRANNAN Jeffrey A,  
PHAM Tuyen Van,  
MASON Thomas S,  
**DRUMMOND Jay Paul** ,  
HILL Jeffrey A,  
BRUSS Paul T,  
HAMMER Mark,  
ROWE Jim

Patent and Priority Information (Country, Number, Date):

Patent: WO 9525014 A1 19950921

Application: WO 95US2714 19950307 (PCT/WO US9502714)

Priority Application: US 94213411 19940315

Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU  
JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NL NO NZ PL PT RO RU SD  
SE SG SI SK TJ TT UA UG UZ VN KE MW SD SZ UG AT BE CH DE DK ES FR GB GR  
IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 9083

Inventor(s):

... **DRUMMOND Jay Paul**

Fulltext Availability:

Detailed Description

Detailed Description

DESCRIPTION

Printer Mechanism for Automated Teller Machine

TECHNICAL FIELD

This invention relates to **banking** devices and particularly to automated  
5 teller machines. Specifically this invention relates to a printer...

...customer statements, checking account statements, vouchers, scrip, and  
other documents.

BACKGROUND ART

Automated teller machines ( **ATM** 's) are known in the prior art. **Banking**  
customers may access their accounts using a magnetically encoded card.  
Generally the customer will insert their card into the **ATM** which will  
correlate the identifying information encoded on the card with a personal  
identification number...

...identity to the computer system which operates the machine. Thereafter  
the customer may use the **ATM** to conduct **banking** transactions as well  
as to check the status of various accounts that they have with...

...the transactions and inquiries are completed, the customer will receive  
his card back from the **ATM** along with one or more receipts documenting  
the transactions performed.

As more people conduct their **banking** transactions electronically using  
**ATM** 's, there is a need to provide more information concerning the  
status of their accounts...

...usually not possible to print much information on a receipt that is  
provided by an **ATM** . This is because such receipts are usually fairly

19/3,K/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

014623916 \*\*Image available\*\*  
WPI Acc No: 2002-444620/200247  
XRAM Acc No: C02-126694  
XRPX Acc No: N02-350241

**Traction driven vehicle for transporting people and goods, has on-board power conserving system, and drive train system that includes motor controller for limiting current draw of electric motor**

Patent Assignee: NOVITSKEY R E (NOVI-I)

Inventor: **NOVITSKEY R E**

Number of Countries: 087 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200242111	A1	20020530	WO 2000US32135	A	20001127	200247 B
AU 200120464	A	20020603	WO 2000US32135	A	20001127	200263
			AU 200120464	A	20001127	

Priority Applications (No Type Date): WO 2000US32135 A 20001127

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200242111	A1	E	51	B60L-015/20	
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Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN  
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU  
MC NL PT SE TR

AU 200120464	A		B60L-015/20	Based on patent WO 200242111
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Inventor: **NOVITSKEY R E**

19/3,K/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

011214273 \*\*Image available\*\*  
WPI Acc No: 1997-192198/199717  
XRPX Acc No: N97-158805

**Uninterruptable power supply - includes line booster circuit coupled to power source line, internal supply circuit, transfer switch and processor for monitoring and controlling power supply**

Patent Assignee: NORTHROP GRUMMAN CORP (NORTH)

Inventor: JANONIS V F; MASSATTI R K; **NOVITSKEY R E**

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5612580	A	19970318	US 95541442	A	19951010	199717 B

Priority Applications (No Type Date): US 95541442 A 19951010

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
-----------	------	-----	----	----------	--------------

US 5612580	A		14	H02J-007/00	
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...Inventor: **NOVITSKEY R E**

21/3,K/1 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00568421 \*\*Image available\*\*

**CHEMICAL MECHANICAL POLISHING OF FERAM CAPACITORS**  
**POLISSAGE CHIMICO-MECANIQUE DE CONDENSATEURS AU FERAM**

Patent Applicant/Assignee:

ADVANCED TECHNOLOGY MATERIALS INC,

Inventor(s):

VAN BUSKIRK Peter C,

**RUSSELL Michael W** ,

BILODEAU Steven M,

BAUM Thomas H

Patent and Priority Information (Country, Number, Date):

Patent: WO 200031794 A1 20000602 (WO 0031794)

Application: WO 99US27754 19991123 (PCT/WO US9927754)

Priority Application: US 98200499 19981125

Designated States: JP KR AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT  
SE

Publication Language: English

Fulltext Word Count: 12915

Inventor(s):

... **RUSSELL Michael W**

Fulltext Availability:

Detailed Description

Detailed Description

... in co-pending U.S. patent application no. U.S. Patent Application No.

09/ (reference **ATM** -338) filed , 1998 in the names of Michael W.

Russell, Peter C. Van Buskirk, Jonathan...

?

File 344:Chinese Patents Abs Aug 1985-2003/Feb  
 (c) 2003 European Patent Office  
 File 347:JAPIO Oct 1976-2003/Jan(Updated 030506)  
 (c) 2003 JPO & JAPIO  
 File 350:Derwent WPIX 1963-2003/UD,UM &UP=200329  
 (c) 2003 Thomson Derwent

?ds

Set	Items	Description
S1	46317	ATM OR ATMS OR AUTOMAT?() (BANKING OR TELLER?) ()MACHINE? OR BANKING()MACHINE? OR (TELLER? OR TRANSACTION?) (2N) (ELECTRONIC? OR MACHINE? OR DEVICE? OR APPARATUS?) OR CONSUMER()TRANSACTION() FACILIT? OR AUTOMATIC()DEPOSIT()PAYMENT()MACHINE?
S2	11230	(MANY OR VARIET? OR VARIOUS OR MULTI OR SEVERAL OR MULTIPL? OR NUMEROUS OR TWO) (5N) (CAMERA? OR IMAGE() (DEVICE? OR APPARATUS? OR RECORDER?))
S3	101884	(STORE? ? OR STORAGE OR STORING OR KEEP? OR KEPT OR SAVE OR SAVES OR SAVED OR SAVING) (5N) (IMAGE? ? OR PERSON? ? OR CLIENT? OR CUSTOMER? OR TRANSACTION?)
S4	120627	(RETRIEVAL? OR RETRIEVE? ? OR GETS OR GETTING OR OBTAIN? OR FETCH? ?) (5N) (IMAGE? ? OR PERSON? ? OR CLIENT? OR CUSTOMER? - OR TRANSACTION?)
S5	139444	(RECORDING? OR RECORD? ? OR DOCUMENT? OR CHRONICLE? OR FILM? ? OR PHOTOGRAPH OR PHOTOGRAPHS OR CAPTURE? ? OR CAPTURING)- (5N) (IMAGE? ? OR PERSON? ? OR CLIENT? OR CUSTOMER? OR TRANSACTION?)
S6	15	S1 AND S2
S7	10	S6 NOT (SECURITY OR SURVEILLANCE?)
S8	63	S1(5N) (CAMERA? OR IMAGE() (DEVICE? OR APPARATUS? OR RECORDER?))
S9	22	S8 AND (S3 OR S4 OR S5)
S10	16	S9 NOT (SECURITY OR SURVEILLANCE?)
S11	16	S10 NOT S7

*Reviewed all 3/15/03 or [signature]*

7/5/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2003 JPO & JAPIO. All rts. reserv.

03939491 \*\*Image available\*\*  
AUTOMATIC TRANSACTION STORE

PUB. NO.: 04-304591 [JP 4304591 A]  
PUBLISHED: October 27, 1992 (19921027)  
INVENTOR(s): OYAMA AKIHIRO  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 03-068217 [JP 9168217]  
FILED: April 01, 1991 (19910401)  
INTL CLASS: [5] G07D-009/00; E05G-005/00; G06F-015/30; G06F-015/30  
JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines); 28.9  
(SANITATION -- Other); 45.4 (INFORMATION PROCESSING --  
Computer Applications)  
JAPIO KEYWORD: R087 (PRECISION MACHINES -- Automatic Banking)  
JOURNAL: Section: P, Section No. 1501, Vol. 17, No. 122, Pg. 12, March  
15, 1993 (19930315)

#### ABSTRACT

PURPOSE: To photograph three positions inside a booth by **two** burglar  
**cameras** in the booth which has a cash automatic **transaction device**  
and is capable of automatic unmanned-operation in outdoors.

CONSTITUTION: One of **two** burglar preventing **cameras** 2 and 3 is set on  
the ceiling of a room 26, and the other is installed on the back of the  
upper magic mirror of a rotating table 22 so as to photograph the side and  
the front of a user when closing the store. At the time of closing the  
store during night or holiday, the camera 2 on a rotation table 22 is  
turned to a mechanic room 27 and controlled to photograph the room. During  
night, the cameras 2 and 3 are operated when a beam sensor 6 and an alarm  
sensor are started, room/ mechanic room illumination 7 and 8 are lighted so  
as to improve the photograph. **Two cameras** are enough in this invention  
while the conventional outdoor- unmanned-automatic operation boose  
necessitates three cameras; one in room ceiling, one in front of the user,  
and one in the mechanic room. Further, the construction is simplified and  
cost is reduced.

7/5/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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03576333 \*\*Image available\*\*  
WATERPROOF CAMERA

PUB. NO.: 03-239233 [JP 3239233 A]  
PUBLISHED: October 24, 1991 (19911024)  
INVENTOR(s): KOSAKO YUKIMASA  
APPLICANT(s): ASAHI OPTICAL CO LTD [350041] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 02-035677 [JP 9035677]  
FILED: February 16, 1990 (19900216)  
INTL CLASS: [5] G03B-017/08  
JAPIO CLASS: 29.1 (PRECISION INSTRUMENTS -- Photography & Cinematography)  
JOURNAL: Section: P, Section No. 1301, Vol. 16, No. 24, Pg. 167,  
January 21, 1992 (19920121)

#### ABSTRACT

PURPOSE: To enable a user to easily recognize the set water-proof pressure  
of a **camera** by giving an alarm when **two** facing conductors keeping a  
distance that they do not contact with each other in a bottomed detection



hole formed on the outer surface of a camera body are energized.  
CONSTITUTION: The ends of the conductors 42 and 43 are exposed at parts, almost half way from an entrance in the bottomed detection hole 41 formed on the front wall surface 12a of the camera body 12. This is because the conductors 42 and 43 are made conductive when air in the hole 41 is compressed to half of the entire volume, that means, the air becomes 2 atm (the depth of water is about 10m). The alarm is given at the time of reaching the depth corresponding to the set water pressure proof. Thus, the user is informed that the camera must not be submerged further.

7/5/3 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

014045062  
WPI Acc No: 2001-529275/200158  
XRPX Acc No: N01-392830

**Real-time remote monitoring system for automated teller machine ,  
modulates and demodulates encoded audio/video data by using asynchronous  
digital subscriber line modem**

Patent Assignee: KOREA ELECTRIC COMMUNICATION CO (KOEL-N); HANKOOK DENKI  
TSUSHIN KOSHA (KODE-N); KOREA TELECOM (KOTE-N); KOH J (KOHJ-I)

Inventor: KO J S; KOH J

Number of Countries: 004 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010017910	A1	20010830	US 2000752669	A	20001228	200158 B
CN 1309482	A	20010822	CN 2001110823	A	20010105	200175
JP 2001292083	A	20011019	JP 200135142	A	20010213	200201
KR 2001081961	A	20010829	KR 200069415	A	20001122	200215

Priority Applications (No Type Date): KR 200069415 A 20001122; KR 20006693  
A 20000212

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010017910	A1		14	H04M-003/22	
CN 1309482	A			H04B-017/00	
JP 2001292083	A		11	H04B-003/46	
KR 2001081961	A			H04L-012/26	

Abstract (Basic): US 20010017910 A1

NOVELTY - An image data processor encodes monitored image captured by **several cameras** or monitored audio data obtained by microphones individually. An asynchronous digital subscriber line (ADSL) modem having large amount of data in upward transmission band and less amount of data in downward transmission band, modulates and demodulates the audio/video signals in a higher/lower transmission velocity respectively.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for real-time remote monitoring method.

USE - Real-time monitoring system for **automated teller machine (ATM)**. Also for monitoring the interior of buildings, companies and plants in heavy traffic areas, disaster areas such as bridges, dams or rivers, garbage collection areas and parking lots.

ADVANTAGE - Provides real-time remote monitoring by encoding monitored image data/audio data and transmitting the signals with an ADSL modem having specific amount of data in upward and downward band. Also since the motion detection audio/video signals are generated and transmitted individually, the recording time is reduced.

DESCRIPTION OF DRAWING(S) - The drawing is not suitable for reproduction.

pp; 14 DwgNo 0/8

Title Terms: REAL; TIME; REMOTE; MONITOR; SYSTEM; AUTOMATIC; TELLER;  
MACHINE; MODULATE; DEMODULATE; ENCODE; AUDIO; VIDEO; DATA; ASYNCHRONOUS;

•  
\* DIGITAL; SUBSCRIBER; LINE; MODEM  
Derwent Class: T01; T04; T05; W01; W02; W05  
International Patent Class (Main): H04B-003/46; H04B-017/00; H04L-012/26;  
H04M-003/22  
International Patent Class (Additional): H04L-012/16; H04L-029/14;  
H04M-011/00; H04Q-009/00  
File Segment: EPI

7/5/4 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

013767010 \*\*Image available\*\*  
WPI Acc No: 2001-251221/200126  
XRPX Acc No: N01-179548

**Video forwarding procedure involves transmitting image acquired by camera to display drives through ATM path and controlling camera using one of several control devices connected to transmitter in ATM path**

Patent Assignee: TOSHIBA KK (TOKE )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001045464	A	20010216	JP 99212277	A	19990727	200126 B

Priority Applications (No Type Date): JP 99212277 A 19990727

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2001045464 A 13 H04N-007/18

Abstract (Basic): JP 2001045464 A

NOVELTY - The procedure involves transmitting the photograph acquired by camera, to display devices through **ATM** path. One of the several control devices connected to the transmitter in **ATM** path, is chosen so as to control the operation of the camera.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for video monitoring apparatus.

USE - For transmitting photograph acquired by camera to several monitors through a network using **ATM** path.

ADVANTAGE - Operations of camera is controlled from a remote location by the control devices, connected to **ATM** transmitter.

DESCRIPTION OF DRAWING(S) - The figure shows the component of the video monitoring system. (The drawing includes non-English language text)

pp; 13 DwgNo 1/13

Title Terms: VIDEO; FORWARDING; PROCEDURE; TRANSMIT; IMAGE; ACQUIRE; CAMERA ; DISPLAY; DRIVE; THROUGH; **ATM** ; PATH; CONTROL; CAMERA; ONE; CONTROL; DEVICE; CONNECT; TRANSMIT; **ATM** ; PATH

Derwent Class: W01; W02

International Patent Class (Main): H04N-007/18

International Patent Class (Additional): H04L-012/18; H04L-012/28;  
H04N-005/232

File Segment: EPI

7/5/5 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

012827629 \*\*Image available\*\*  
WPI Acc No: 1999-633861/199954  
XRPX Acc No: N99-468050

**Computer implemented cell output shaping method for data transmission device in ATM digital data network**

Patent Assignee: COREEL MICROSYSTEMS (CORE-N); CORE EL MICROSYSTEMS

• (CORE-N); BANSAL A (BANS-I); HALDAR K (HALD-I); PARRUCK B (PARR-I);  
PHADKE P B (PHAD-I); PRADHAN S N (PRAD-I); PAXONET COMMUNICATIONS INC  
(PAXO-N)

Inventor: BANSAL A; HALDAR K; PARRUCK B; PHADKE P B; PRADHAN S C; PRADHAN S  
N

Number of Countries: 087 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9953656	A1	19991021	WO 99US8033	A	19990413	199954 B
AU 9935565	A	19991101	AU 9935565	A	19990413	200013
EP 1076963	A1	20010221	EP 99917443	A	19990413	200111
			WO 99US8033	A	19990413	
US 6198723	B1	20010306	US 9860228	A	19980414	200115
US 20010001608	A1	20010524	US 9860228	A	19980414	200130
			US 2001753797	A	20010102	

Priority Applications (No Type Date): US 9860228 A 19980414; US 2001753797  
A 20010102

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9953656	A1	E	59	H04L-012/56	
Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW					
AU 9935565	A				Based on patent WO 9953656
EP 1076963	A1	E		H04L-012/56	Based on patent WO 9953656
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
US 6198723	B1			H04J-003/16	-
US 20010001608	A1			H04L-001/00	Cont of application US 9860228

Abstract (Basic): WO 9953656 A1

NOVELTY - Several queues (192) including cells associated with communication device is sorted and an aggregate output of cells is regulated from each sorted queue of queues (200). The regulated output of cells aggregate output is scheduled based on weights of each sorted queue. The scheduled output conforms to several network characteristics..

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Network interface card;

(b) network switch

USE - For shaping output of cells on output path of data transmission device for **various** communication devices such as video camera, telephone, television set, facsimile, computer, printer in ATM digital data network.

ADVANTAGE - Allows for better traffic shaping to fully utilize the virtual connections between communication devices.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of traffic shaping matrix.

Queues (192,200)

pp; 59 DwgNo 4/10

Title Terms: COMPUTER; IMPLEMENT; CELL; OUTPUT; SHAPE; METHOD; DATA;

TRANSMISSION; DEVICE; **ATM**; DIGITAL; DATE; NETWORK

Derwent Class: W01

International Patent Class (Main): H04J-003/16; H04L-001/00; H04L-012/56

International Patent Class (Additional): H04J-001/16

File Segment: EPI

7/5/6 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012402319 \*\*Image available\*\*

WPI Acc No: 1999-208427/199918

XRPX Acc No: N99-153686

**Iris pattern recognition device for iris photography apparatus - has point-type visualization photoluminescent element which displays mark which expresses photography area, on convex one-way mirror**

Patent Assignee: OKI ELECTRIC IND CO LTD (OKID )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11047117	A	19990223	JP 97213680	A	19970807	199918 B

Priority Applications (No Type Date): JP 97213680 A 19970807

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11047117	A	6	A61B-005/117	

Abstract (Basic): JP 11047117 A

NOVELTY - An annular near-infrared light-emitting element (14) radiates the near infrared rays which passed through the one-way mirrors, to the eyes of the subject. A point-type visualization photoluminescent element (15) displays the mark (m) which expresses the photography area on the convex one-way mirror. DETAILED DESCRIPTION - A convex one-way mirror (11) collects the reflected light from the eyes of a subject (H). A photography component (26) converts the radiated light to an electrical signal. The reflected light collected by the convex one-way mirror is radiated to the photography component by a flat plane-type one-way mirror (12). An INDEPENDENT CLAIM is also included for the iris photography apparatus.

USE - For acquiring iris pattern for performing individual noesis which validates access to e.g. metallurgy warehouse, internet and automatic **transaction apparatus**.

ADVANTAGE - Enables reliable acquisition of image with exact stitch and eliminates camera rotating structure since stitch need not be followed. Avoids use of **camera** which requires adjustment of photography **multiplying** factor. DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the iris pattern recognition device. (11) Convex one-way mirror; (12) Flat plane-type one-way mirror; (14) Near-infrared light-emitting element; (15) Point-type visualization photoluminescent element; (26) Photography component; (H) Subject.

Dwg.1/6

Title Terms: IRIS; PATTERN; RECOGNISE; DEVICE; IRIS; PHOTOGRAPH; APPARATUS; POINT; TYPE; PHOTOLUMINESCENT; ELEMENT; DISPLAY; MARK; EXPRESS; PHOTOGRAPH; AREA; CONVEX; ONE; WAY; MIRROR

Derwent Class: P31; S05; T04

International Patent Class (Main): A61B-005/117

File Segment: EPI; EngPI

7/5/7 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011855689 \*\*Image available\*\*

WPI Acc No: 1998-272599/199824

XRPX Acc No: N98-213988

**Switching-connection buffers for asynchronous transfer in data network - enables buffering of cells to be carried out no per-virtual connection basis, regardless of total connections coupled through given port**

Patent Assignee: COREEL MICROSYSTEMS (CORE-N); COREEL MICROSYSTEMS INC (CORE-N); BHASIN V K (BHAS-I); DHARMAPURIKAR M (DHAR-I); JOSHI U G (JOSH-I); PARRUCK B (PARR-I); SANGHVI C V (SANG-I); PAXONET COMMUNICATIONS INC (PAXO-N)

Title Terms: SWITCH; CONNECT; BUFFER; ASYNCHRONOUS; TRANSFER; DATA; NETWORK  
; ENABLE; BUFFER; CELL; CARRY; NO; PER; VIRTUAL; CONNECT; BASIS; TOTAL;  
CONNECT; COUPLE; THROUGH; PORT  
Derwent Class: W01  
International Patent Class (Main): H04L-012/00; H04L-012/28; H04L-012/56  
International Patent Class (Additional): H04L-012/433; H04Q-011/00  
File Segment: EPI

7/5/8 (Item 6 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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011733601 \*\*Image available\*\*  
WPI Acc No: 1998-150511/199814  
XRPX Acc No: N98-119607

**Iris recognition system for automatic transaction apparatus - adjusts  
light projected from several light sources to lens of camera which  
photographs iris of user to be identified**

Patent Assignee: OKI ELECTRIC IND CO LTD (OKID )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10021392	A	19980123	JP 96169901	A	19960628	199814 B

Priority Applications (No Type Date): JP 96169901 A 19960628

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 10021392	A		6	G06T-007/00	

Abstract (Basic): JP 10021392 A

The system uses a camera (13) to photograph the iris of a user to be identified. Based on the image data from the camera, the user is identified. The lights projected from several light sources to the lens of the camera are adjusted.

Preferably, a first light source is provided in the exterior of the lens of the camera while a second light source is provided between an iris recognition apparatus and the light source of an extraneous light.

ADVANTAGE - Eliminates brightness of background of user to be identified due to extraneous light, by adjusting light projected on lens of camera. Enables accurate momentary video of user by reducing influence of illumination generated on user eye surface, thus obtaining exact user iris pattern.

Dwg.1/4

Title Terms: IRIS; RECOGNISE; SYSTEM; AUTOMATIC; TRANSACTION; APPARATUS;  
ADJUST; LIGHT; PROJECT; LIGHT; SOURCE; LENS; CAMERA; PHOTOGRAPH; IRIS;  
USER; IDENTIFY

Derwent Class: P31; S05; T04; T05

International Patent Class (Main): G06T-007/00

International Patent Class (Additional): A61B-003/10; A61B-005/00;

A61B-005/117; G06F-019/00; G07F-007/08; G07F-007/10

File Segment: EPI; EngPI

7/5/9 (Item 7 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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010862994 \*\*Image available\*\*  
WPI Acc No: 1996-359945/199636  
XRPX Acc No: N96-303490

**Automatic transaction system with remote control for e.g. cash automatic  
transaction machine - has monitoring appts. that transmits key data  
which is input through vicarious-execution, to automatic transaction  
appts. thereby attaining remote key input emulation function**

Patent Assignee: HITACHI ASAHI ELECTRONICS KK (HITA-N); HITACHI LTD (HITA  
)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8171595	A	19960702	JP 94312945	A	19941216	199636 B

Priority Applications (No Type Date): JP 94312945 A 19941216

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8171595	A		6	G06F-019/00	

Abstract (Basic): JP 8171595 A

The system uses an automatic transaction appts. in which a monitoring **camera** is connected through a **two** -way communication. A transceiver performs transmission and reception of an audio and an image monitored by the camera.

A key data is input through a vicarious-execution, is transmitted to the automatic transaction appts. from the monitoring appts. A remote key input emulation function is provided through a setting up unit which performs a screen display of the key data received from the monitoring appts.

USE/ADVANTAGE - For automatic contract receiving extra **machine** . Shortens **transaction** time. Improves service. Enables operation even with handicapped user, by utilising audio or image data or through remote control.

Dwg.1/4

Title Terms: AUTOMATIC; TRANSACTION; SYSTEM; REMOTE; CONTROL; CASH;  
AUTOMATIC; TRANSACTION; MACHINE; MONITOR; APPARATUS; TRANSMIT; KEY; DATA;  
INPUT; THROUGH; EXECUTE; AUTOMATIC; TRANSACTION; APPARATUS; ATTAIN;  
REMOTE; KEY; INPUT; EMULATION; FUNCTION

Derwent Class: T01; T05; W05

International Patent Class (Main): G06F-019/00

International Patent Class (Additional): G06F-011/30; G07D-009/00

File Segment: EPI

7/5/10 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010378026 \*\*Image available\*\*

WPI Acc No: 1995-279340/199537

XRPX Acc No: N95-213249

**Cell system for ATM communication - multiplexes data from various sources and divides them into packets of fixed length**

Patent Assignee: TOSHIBA KK (TOKE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 7177156	A	19950714	JP 93322548	A	19931221	199537 B

Priority Applications (No Type Date): JP 93322548 A 19931221

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 7177156	A		9	H04L-012/28	

Abstract (Basic): JP 7177156 A

The cell system divides data from **various** sources such as microphone, TV **camera** into packets of fixed length. The divided packets are communicated in **ATM** mode by an **ATM** circuit using an **ATM** interface (102). The data from various sources are multiplexed using a multiplexer before being divided into packet.

ADVANTAGE - Performs simultaneous reproduction of data from various sources without forming time gap.

11/5/1 (Item 1 from file: 347)  
DIALOG(R) File 347:JAPIO  
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05766628 \*\*Image available\*\*  
AUTOMATIC TELLER MACHINE

PUB. NO.: 10-049728 [JP 10049728 A]  
PUBLISHED: February 20, 1998 (19980220)  
INVENTOR(s): SARUTANI MAKOTO  
APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 08-208428 [JP 96208428]  
FILED: August 07, 1996 (19960807)  
INTL CLASS: [6] G07D-009/00; G07D-009/00; G06F-019/00; G06T-007/00; G07F-007/12  
JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.9 (INFORMATION PROCESSING -- Other)  
JAPIO KEYWORD: R007 (ULTRASONIC WAVES); R087 (PRECISION MACHINES -- Automatic Banking)

#### ABSTRACT

PROBLEM TO BE SOLVED: To identify an operating staff or an input operator without using any operator card.

SOLUTION: An automatic teller machine( **ATM** ) 1 is provided with a **camera** for **capturing** iris data for identifying a **customer** A detected by an approach detector 34. When a staff B executes an operation input from the back face for maintaining and managing the activation of the ATM 1, and the customer A is not detected by the approach detector 34 after the end of the transaction by the customer A, the camera is reversed almost at 180 deg., the staff B is identified by capturing the iris data of the staff B, and an operating part allowable to the staff B is unlocked.

11/5/2 (Item 2 from file: 347)  
DIALOG(R) File 347:JAPIO  
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05519663 \*\*Image available\*\*  
TRANSACTION PROCESSOR

PUB. NO.: 09-134468 [JP 9134468 A]  
PUBLISHED: May 20, 1997 (19970520)  
INVENTOR(s): YAGIYUU TOSHINORI  
NISHIYAMA SHINGO  
APPLICANT(s): OMRON CORP [000294] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 07-317273 [JP 95317273]  
FILED: November 10, 1995 (19951110)  
INTL CLASS: [6] G07D-009/00; G06F-013/00; G06F-019/00  
JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.2 (INFORMATION PROCESSING -- Memory Units); 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD: R087 (PRECISION MACHINES -- Automatic Banking)

#### ABSTRACT

PROBLEM TO BE SOLVED: To concretely transmit transaction contents by transmitting not only stipulated data but also an arbitrary transaction message from a transaction origin to a transaction destination at the time of a transaction by providing a message reproduction means reproducing the message that a message **storage** means **stores** at the **transaction** destination.

SOLUTION: Each ATM 11 with message transmission function is composed by being provided with a host computer 31 and a transaction data file 32. At the time of the automatic transaction in which the ATM 11 with message transmission function is used, the stipulated transaction data which is utilized for a transaction is transmitted to a host computer 31, the **transaction** data at this time is **stored** and controlled in the **transaction** data file 32 and the pertinent transaction information is read from this transaction data file 32 for every transaction request. When also a message is transmitted at the time of the transaction, a customer performs the input operation of the oral message of image and voice information toward the television **camera** 17 provided on the **ATM** for fixed time.

11/5/3 (Item 3 from file: 347)

DIALOG(R)File 347:JAPIO

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04757315 \*\*Image available\*\*

CRIME PREVENTION DEVICE FOR AUTOMATIC TRANSACTION AREA

PUB. NO.: 07-049915 [JP 7049915 A]

PUBLISHED: February 21, 1995 (19950221)

INVENTOR(s): OSADA MASANORI

OKUMURA HIDEYUKI

APPLICANT(s): OMRON CORP [000294] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 05-213366 [JP 93213366]

FILED: August 04, 1993 (19930804)

INTL CLASS: [6] G06F-019/00; G07D-009/00; G08B-013/196; G08B-025/00

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 28.9 (SANITATION -- Other); 29.4 (PRECISION INSTRUMENTS -- Business Machines); 44.9 (COMMUNICATION -- Other)

JAPIO KEYWORD:R037 (PRECISION MACHINES -- Automatic Banking)

#### ABSTRACT

PURPOSE: To constitute an overall crime prevention system which can cope with an abnormal state by constituting the device so that when at least one of abnormality generation element detecting means detects an abnormality generation element, an **image recording** means can **record** and manage a monitored **image** by an image monitoring means at that time.

CONSTITUTION: When an automatic transaction machine 11 is set to a transaction stand-by state, a crime prevention **camera** 12 image-monitors the **transaction machine** and its periphery. In this case, when one of the time when the camera 12 detects an abnormal object 18 or a suspicious behavior person/ when a physical detection sensor S2 detects physical abnormality/when abnormality of the transaction contents is detected/ and when abnormality of a medium is detected is detected, an abnormality generation element at that time is displayed and outputted to a monitor 14, and also recorded in a recorder 15, and moreover, a fact that abnormality is generated is outputted by an alarm, and a person in charge is allowed to cope therewith immediately. In such a way, at the time point when the abnormality generation element is grasped, an exact crime prevention step can be taken, and also, under what kind of state the abnormal state is generated can be confirmed exactly from a recorded image.

11/5/4 (Item 4 from file: 347)

DIALOG(R)File 347:JAPIO

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03882494 \*\*Image available\*\*

AUTOMATIC CASH TRANSACTION MACHINE



PUB. NO.: 04-247594 [JP 4247594 A]  
PUBLISHED: September 03, 1992 (19920903)  
INVENTOR(s): MATSUHASHI MASAOKI  
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 03-013122 [JP 9113122]  
FILED: February 04, 1991 (19910204)  
INTL CLASS: [5] G07D-009/00; G07D-009/00; G07D-009/00; G07D-009/00;  
G07D-009/00; G07D-009/00  
JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines)  
JAPIO KEYWORD: R087 (PRECISION MACHINES -- Automatic Banking)  
JOURNAL: Section: P, Section No. 1470, Vol. 17, No. 23, Pg. 97,  
January 18, 1993 (19930118)

#### ABSTRACT

PURPOSE: To reduce an operating cost by realizing the easiness and acceleration of retrieval, the unitary management of data, and a paperless system.

CONSTITUTION: The above automatic cash **transaction machine** is comprised of a monitoring **camera** 1 which **photographs** a **customer image**, an ATE controller 2 which processes the transaction data of a customer, a camera 3 for card photographing which photographs the emboss of a card, a synthetic processing mechanism 6 which synthesizes data sent from those cameras and controller, and a filing device 7 which preserves those data.

11/5/5 (Item 5 from file: 347)

DIALOG(R) File 347: JAPIO

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03394174 \*\*Image available\*\*

SYSTEM FOR PREVENTING ILLEGAL USE OF AUTOMATIC MACHINE

PUB. NO.: 03-057074 [JP 3057074 A]  
PUBLISHED: March 12, 1991 (19910312)  
INVENTOR(s): FUJIMATSU SATOSHI  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 01-191458 [JP 89191458]  
FILED: July 26, 1989 (19890726)  
INTL CLASS: [5] G06F-015/30  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD: R087 (PRECISION MACHINES -- Automatic Banking)  
JOURNAL: Section: P, Section No. 1208, Vol. 15, No. 210, Pg. 59, May  
29, 1991 (19910529)

#### ABSTRACT

PURPOSE: To prevent **transactions** of illegal use and to **capture** a user by sharing a video **camera** attached to an automatic cash **transaction device**, a telephone set directly connected to a center, or the like with an ISDN network.

CONSTITUTION: In the system using an automatic machine 1, a video camera 3 in a shop is operated besides lines for transmission and reception of transaction data and a telephone line for direct connection to the center. ISDN is used, and a signal channel is used by the telephone line, and an information channel is used by transaction data and video data, and all of them are concentrated to a host 5. If the transaction is started with a illegal card, it is reported by the signal channel and the video camera 3 is zoomed up, and the delay operation of the transaction time is collectively instructed by the host; and thus, the system of high safety is obtained

11/5/6 (Item 6 from file: 347)  
DIALOG(R)File 347:JAPIO  
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02350968 \*\*Image available\*\*  
AUTOMATIC TELLER MACHINE

PUB. NO.: 62-267868 [JP 62267868 A]  
PUBLISHED: November 20, 1987 (19871120)  
INVENTOR(s): HASEGAWA TAKESHI  
APPLICANT(s): OMRON TATEISI ELECTRONICS CO [000294] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 61-110524 [JP 86110524]  
FILED: May 16, 1986 (19860516)  
INTL CLASS: [4] G06F-015/30; G07D-009/00; G07F-007/08  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 29.4 (PRECISION INSTRUMENTS -- Business Machines)  
JAPIO KEYWORD: R087 (PRECISION MACHINES -- Automatic Banking)  
JOURNAL: Section: P, Section No. 699, Vol. 12, No. 151, Pg. 48, May 11, 1988 (19880511)

#### ABSTRACT

PURPOSE: To identify customers without using any identifying medium by providing an identification data reading part where the features of customer faces are read and a processing part where the customers are identified based on those feature data.

CONSTITUTION: An automatic teller machine **ATM** contains a identification data reading **camera** 9 which includes a processing part 10. The camera 9 **photographs** the **customer** faces and the pictures **obtained** by the camera 9 are processed at the part 10. The part 10 includes a microprocessor, a communication circuit, etc. This microprocessor functions to control the ATM and extract the features of the face contour, eyes, ears, mouth and nose out of the pictures received from the camera 9. Thus each customer is identified.

11/5/7 (Item 7 from file: 347)  
DIALOG(R)File 347:JAPIO  
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00847975 \*\*Image available\*\*  
AUTOMATIC TRANSACTION DEVICE

PUB. NO.: 56-168275 [JP 56168275 A]  
PUBLISHED: December 24, 1981 (19811224)  
INVENTOR(s): OKADA TOSHIHIKO  
APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 55-071421 [JP 8071421]  
FILED: May 30, 1980 (19800530)  
INTL CLASS: [3] G06F-015/30; G07D-009/00; G08B-013/00  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 29.4 (PRECISION INSTRUMENTS -- Business Machines); 36.4 (LABOR SAVING DEVICES -- Service Automation); 44.9 (COMMUNICATION -- Other)  
JAPIO KEYWORD: R087 (PRECISION MACHINES -- Automatic Banking)  
JOURNAL: Section: P, Section No. 109, Vol. 06, No. 53, Pg. 115, April 08, 1982 (19820408)

#### ABSTRACT

PURPOSE: To make investigation quickly, when a false **transaction** has been carried on, by **recording** the face of a **customer** in the **record** of **transaction** information.

CONSTITUTION: A video camera is provided in a transaction device 1 so that the video image of customers' faces can be obtained. A recorder is so provided that transaction information is recorded in journal paper and at the same time, the customers' faces are also recorded as hard copies. Then, the investigation of false users is easily carried out by investigating the journal tape.

11/5/8 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014402361 \*\*Image available\*\*  
WPI Acc No: 2002-223064/200228

**Complex service system for performing supervision, publicity, advertisement, and electronic commercial transaction system using communication network**

Patent Assignee: PARK S K (PARK-I)

Inventor: PARK S K

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001096820	A	20011108	KR 200019735	A	20000414	200228 B

Priority Applications (No Type Date): KR 200019735 A 20000414

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001096820	A		1 G06F-017/60	

Abstract (Basic): KR 2001096820 A

NOVELTY - A complex service system for performing a supervision, a publicity, an advertisement, and an electronic commercial transaction system using a communication network is provided to integrate a supervision, a public information, an advertisement, and an **electronic commercial transaction** using a web camera.

DETAILED DESCRIPTION - A supervision server(110) manages a monitoring function of the second member store and an image transmitted from the second member store. A managing server(120) integrally an operating status of an element server and a network in a control center(100). A statistics server(130) provides a statistics information deduction and a statistics management. A payment processing server(140) charges a counter to various paying units. A paying system(160) charges an electronic paying system function. A publicizing server(170) manages a tourist resort and a tourist bureau. A delivery server(180) manages a delivery state and a delivery result to a delivery commodity requested by a client. A contents server(190) provides an image to a commodity transmitted from a web camera with respect to a commodity to be sold in the second member store. A directory server(195) provides a commodity and a store search.

pp; 1 DwgNo 1/10

Title Terms: COMPLEX; SERVICE; SYSTEM; PERFORMANCE; SUPERVISION; PUBLICITY; ADVERTISE; ELECTRONIC; COMMERCIAL; TRANSACTION; SYSTEM; COMMUNICATE; NETWORK

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

11/5/9 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014251813 \*\*Image available\*\*  
WPI Acc No: 2002-072513/200210  
XRPX Acc No: N02-054239

**Crime prevention camera control for automatic cash transaction device , involves operating crime prevention camera based on transaction classification, input password correction frequency and money withdrawal condition**

Patent Assignee: HITACHI LTD (HITA )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001325643	A	20011122	JP 2000144588	A	20000512	200210 B

Priority Applications (No Type Date): JP 2000144588 A 20000512

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001325643	A		8 G07D-009/00	

Abstract (Basic): JP 2001325643 A

NOVELTY - The necessity for operating the crime prevention camera (30) is judged based on the classification of transactions, money withdrawal condition or frequency of correction of input password. The photographic range of the camera is enlarged, based on the operation judgment result of camera.

USE - For automatic cash transactions device.

ADVANTAGE - The capacity of **storage** unit which **stores** the photographed **image** to be transmitted to the monitoring center, is reduced, since crime prevention camera is operated only when certain conditions are satisfied.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the crime-prevention camera control section. (Drawing includes non-English language text).

Crime prevention camera (30)  
pp; 8 DwgNo 3/7

Title Terms: CRIMINAL; PREVENT; CAMERA; CONTROL; AUTOMATIC; CASH;  
TRANSACTION; DEVICE; OPERATE; CRIMINAL; PREVENT; CAMERA; BASED;  
TRANSACTION; CLASSIFY; INPUT; PASSWORD; CORRECT; FREQUENCY; MONEY;  
WITHDRAW; CONDITION

Derwent Class: T01; T05

International Patent Class (Main): G07D-009/00

International Patent Class (Additional): G06F-017/60

File Segment: EPI

11/5/10 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014251810 \*\*Image available\*\*

WPI Acc No: 2002-072510/200210

XRPX Acc No: N02-054236

**Crime prevention camera control method of automatic cash transaction device , involves deleting image data in case of normal cash transactions and storing image data during abnormal transactions**

Patent Assignee: HITACHI LTD (HITA )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001325640	A	20011122	JP 2000144589	A	20000512	200210 B

Priority Applications (No Type Date): JP 2000144589 A 20000512

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001325640	A		9 G07D-009/00	

Abstract (Basic): JP 2001325640 A

NOVELTY - The necessity of **storing** the **image** data of the user of the automatic transaction device is judged based on the cash

transaction result. The image data is deleted in case of normal cash transactions and the image data is stored and transmitted to a monitoring center during abnormal transactions such as operation delay, password error.

USE - For controlling crime prevention camera of automatic cash transaction device .

ADVANTAGE - The capacity of the storage medium is effectively reduced by detecting image data in case of normal cash transaction, and the communication of image content to the monitoring center is reduced.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the components of the crime prevention camera control system. (Drawing includes non-English language text).

pp; 9 DwgNo 4/8

Title Terms: CRIMINAL; PREVENT; CAMERA; CONTROL; METHOD; AUTOMATIC; CASH; TRANSACTION; DEVICE; DELETE; IMAGE; DATA; CASE; NORMAL; CASH; TRANSACTION ; STORAGE; IMAGE; DATA; ABNORMAL; TRANSACTION

Derwent Class: T01; T05

International Patent Class (Main): G07D-009/00

International Patent Class (Additional): G06F-017/60

File Segment: EPI

11/5/11 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014237822 \*\*Image available\*\*

WPI Acc No: 2002-058520/200208

XRPX Acc No: N02-043129

Automatic transaction device e.g. cash dispenser, controls transaction operation of customer, based on customer characteristics extracted from memory based on image of recognized customer

Patent Assignee: TOSHIBA KK (TOKE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001291141	A	20011019	JP 2000102449	A	20000404	200208 B

Priority Applications (No Type Date): JP 2000102449 A 20000404

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001291141	A		7	G07D-009/00	

Abstract (Basic):/ JP 2001291141 A

NOVELTY - A customer who uses an automatic transaction device , is photographed using a camera (14). An image recognizer (12) recognizes the customer 's photograph based on which customer 's characteristics are extracted from a memory (17). A CPU (10) controls transaction operation of the customer, based on the extracted customer characteristics.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for automatic transaction method.

USE - E.g. cash dispenser, automatic ticket dispenser and parcel terminal.

ADVANTAGE - Transaction time is shortened and generation of errors during operation is prevented, as customer characteristics are extracted based on image of customer recognized. Customer satisfaction is improved as transaction time is shortened.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of control system of the automatic transaction device. (Drawing includes non-English language text).

CPU (10)

Image recognizer (12)

Camera (14)

Memory (17)  
 pp; 7 DwgNo 2/6  
 Title Terms: AUTOMATIC; TRANSACTION; DEVICE; CASH; DISPENSE; CONTROL;  
 TRANSACTION; OPERATE; CUSTOMER; BASED; CUSTOMER; CHARACTERISTIC; EXTRACT;  
 MEMORY; BASED; IMAGE; CUSTOMER  
 Derwent Class: S05; T05  
 International Patent Class (Main): G07D-009/00  
 International Patent Class (Additional): G06F-003/16; G06F-017/60  
 File Segment: EPI

11/5/12 (Item 5 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2003 Thomson Derwent. All rts. reserv.

013443901 \*\*Image available\*\*  
 WPI Acc No: 2000-615844/200059  
 Related WPI Acc No: 2000-383754  
 XRPX Acc No: N00-456386

**Transaction person face recognition procedure for financial institutions  
 such as bank, involves comparing photograph of user with stored image  
 so as to perform approval or disapproval for transaction**

Patent Assignee: CHUNGHO COMPUTER CO LTD (CHUN-N); CHUNGHO COM NET CO LTD  
 (CHUN-N)

Inventor: PARK G Y  
 Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000251077	A	20000914	JP 99162927	A	19990609	200059 B
KR 2000061100	A	20001016	KR 999897	A	19990323	200124
KR 293897	B	20010615	KR 999897	A	19990323	200225

Priority Applications (No Type Date): KR 999897 A 19990323; KR 996197 A  
 19990224

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000251077	A		16	G06T-007/00	
KR 2000061100	A			G06T-007/00	
KR 293897	B			G06T-007/00	Previous Publ. patent KR 2000061100

Abstract (Basic): JP 2000251077 A

NOVELTY - A CCD camera provided in front of automatic teller machine terminal, takes the photograph of transaction person. The photographed image is compared with stored image. The transaction approval or disapproval is performed based on the comparison result.

USE - For recognition of transaction person face in financial institutions such as bank.

ADVANTAGE - Since transaction approval or disapproval is performed based on the comparison of photograph of user with stored image, financial crime is prevented.

pp; 16 DwgNo 1/11

Title Terms: TRANSACTION; PERSON; FACE; RECOGNISE; PROCEDURE; FINANCIAL;  
 INSTITUTION; BANK; COMPARE; PHOTOGRAPH; USER; STORAGE; IMAGE; SO;  
 PERFORMANCE; APPROVE; TRANSACTION

Derwent Class: T01; T04; T05

International Patent Class (Main): G06T-007/00

International Patent Class (Additional): G06F-019/00; G06T-001/00;  
 G07F-007/12

File Segment: EPI .

11/5/13 (Item 6 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
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012960356    \*\*Image available\*\*  
WPI Acc No: 2000-132206/200012  
XRPX Acc No: N00-099971

**Facial image identification method in computer application such as for  
crime prevention - involves identifying face by detecting skin colors of  
different parts of face**

Patent Assignee: CANON KK (CANO )  
Inventor: HO E; LENNON A J; BRADLEY A P  
Number of Countries: 002    Number of Patents: 005  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000003452	A	20000107	JP 99164370	A	19990610	200012    B
AU 9933982	A	19991223	AU 9933982	A	19990609	200012
AU 9963173	A	20000224	AU 9933982	A	19990609	200020    N
			AU 9933982	A	19990609	
			AU 9963173	A	19991207	
AU 728290	B	20010104	AU 9933982	A	19990609	200107
AU 739936	B	20011025	AU 9933982	A	19990609	200173    N
			AU 9963173	A	19991207	

Priority Applications (No Type Date): AU 984009 A 19980610; AU 9963173 A  
19991207

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2000003452	A		8	G06T-007/00	
AU 9963173	A			G06T-007/00	Add to application AU 9933982 Div ex application AU 9933982
AU 728290	B			G06T-007/00	Previous Publ. patent AU 9933982
AU 739936	B			G06T-007/00	Div ex application AU 9933982 Div ex patent AU 728290 Previous Publ. patent AU 9963173

Abstract (Basic): JP 2000003452 A

NOVELTY - The identification is done on the basis of color analysis  
of skin color of different parts of face and not on complete face  
analysis. DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included  
for the following: **image** judging apparatus; **recording** medium that  
**stores** program for executing facing identification process

USE - For computer application such as for processing image from  
crime prevention **camera**, **ATM** etc. DESCRIPTION OF DRAWING(S) - The  
figure shows condition of image divided into different areas.

Dwg.2/4

Title Terms: FACE; IMAGE; IDENTIFY; METHOD; COMPUTER; APPLY; CRIMINAL;  
PREVENT; IDENTIFY; FACE; DETECT; SKIN; PART; FACE  
Derwent Class: T01; T04; T05  
International Patent Class (Main): G06T-007/00  
File Segment: EPI

11/5/14    (Item 7 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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012727906    \*\*Image available\*\*  
WPI Acc No: 1999-534019/199945  
XRPX Acc No: N99-396724

**Automatic transaction system for financial institution - has ATM  
controller that retrieves transaction data from memory to ATM based  
on personal data taken by ATM camera, such that personal data in  
memory were stored based on personal data taken in customer terminal**

Patent Assignee: OKI ELECTRIC IND CO LTD (OKID )  
Number of Countries: 001    Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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JP 11232531 A 19990827 JP 9848804 A 19980212 199945 B

Priority Applications (No Type Date): JP 9848804 A 19980212

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 11232531 A 8 G07D-009/00

Abstract (Basic): JP 11232531 A

NOVELTY - The camera (41) of a **customer** terminal (40) obtains the second personal data of a customer (1). Transaction data from registration unit (31) of a host computer (30) are stored to a memory (51) based on second personal data. An ATM controller (39) **retrieves transaction** data from memory to ATM (20) based on first personal data taken by the **camera** (21) of **ATM**.

USE - For financial institution.

ADVANTAGE - Prevents inaccurate transaction since transaction is performed based on personal data of customer. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the automatic transaction system. (1) Customer; (20) **ATM**; (21) **Camera**; (30) Host computer; (31) Registration unit; (39) **ATM** controller; (40) Customer terminal; (41) **Camera**; (51) Memory.

Dwg.1/4

Title Terms: AUTOMATIC; TRANSACTION; SYSTEM; FINANCIAL; INSTITUTION; ATM; CONTROL; RETRIEVAL; TRANSACTION; DATA; MEMORY; ATM; BASED; PERSON; DATA; ATM; CAMERA; PERSON; DATA; MEMORY; STORAGE; BASED; PERSON; DATA; CUSTOMER ; TERMINAL

Derwent Class: P31; T01; T05

International Patent Class (Main): G07D-009/00

International Patent Class (Additional): A61B-005/117; G06F-019/00

File Segment: EPI; EngPI

11/5/15 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011377645 \*\*Image available\*\*

WPI Acc No: 1997-355552/199733

XRFX Acc No: N97-294887

**Automatic** transactions device having integral video camera for financial institutions such as bank - includes pick-up unit positioned at predetermined tilt angle to photograph user while performing transactions on operation surface

Patent Assignee: TOSHIBA KK (TOKE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9147182	A	19970606	JP 95309084	A	19951128	199733 B

Priority Applications (No Type Date): JP 95309084 A 19951128

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 9147182 A 10

Abstract (Basic): JP 9147182 A

The device has a first operation surface (A) provided perpendicular to the user's position. A second operation surface (C) which is perpendicular to the first operation surface has an inlet port to insert required medium.

A third operation surface (B) is provided between the first and second operation surface at a predetermined tilt angle. A pick-up unit (23) **photographs** the user performing **transaction** operations at the first operation surface.

ADVANTAGE - Avoids creating unpleasant feeling and provides natural operation attitude and comfort for user. Enables to assure visual field



from low position to high position. Monitors crime situations, effectively.

Dwg.2/11

Title Terms: AUTOMATIC; TRANSACTION; DEVICE; INTEGRAL; VIDEO; CAMERA; FINANCIAL; INSTITUTION; BANK; PICK; UP; UNIT; POSITION; PREDETERMINED; TILT; ANGLE; PHOTOGRAPH; USER; PERFORMANCE; TRANSACTION; OPERATE; SURFACE  
Derwent Class: T05; W05  
International Patent Class (Main): G07D-009/00  
File Segment: EPI

11/5/16 (Item 9 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011156911 \*\*Image available\*\*

WPI Acc No: 1997-134836/199713

XRPX Acc No: N97-111145

**Authorisation system for user of integrated circuit card with integral camera e.g. use of ATM - has IC card removably mounted on host which confirms identity of person using card, and host includes memory storing reference image of user to be compared with user's image taken with camera**

Patent Assignee: NCR INT INC (NATC )

Inventor: MASSIE S A

Number of Countries: 007 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 758776	A2	19970219	EP 96305458	A	19960725	199713 B
ZA 9606346	A	19970326	ZA 966346	A	19960725	199718
JP 9147116	A	19970606	JP 96213385	A	19960813	199733

Priority Applications (No Type Date): GB 9516611 A 19950814

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 758776 A2 E 9 G07C-009/00

Designated States (Regional): DE ES FR GB IT

ZA 9606346 A 23 G06K-000/00

JP 9147116 A 6 G06T-007/00

Abstract (Basic): EP 758776 A

The authorisation system uses an IC card removably mounted on a host which receives confirmation of the identity of a person using the card. The card incorporates a memory (121) **storing** a reference **image** of a **person** authorised to use the card.

A camera (14) produces an image of the face of the card user and forwards it to a image processor (18) for comparison with the reference image. The processor produces a signal indicating the comparison result. A communicator (20) included in the card and the host communicate to transfer the signal.

ADVANTAGE - Is more difficult for unauthorised **person** to **obtain** fraudulent access to area or facility than it would be with existing biometric systems, because image of authorised user is utilised, which is more difficult to duplicate than that of authorised user's finger or hand print.

Dwg.3A/3

Title Terms: AUTHORISE; SYSTEM; USER; INTEGRATE; CIRCUIT; CARD; INTEGRAL; CAMERA; ATM; IC; CARD; REMOVE; MOUNT; HOST; CONFIRM; IDENTIFY; PERSON; CARD; HOST; MEMORY; STORAGE; REFERENCE; IMAGE; USER; COMPARE; USER; IMAGE ; CAMERA

Index Terms/Additional Words: INTEGRATED; CIRCUIT

Derwent Class: P31; P76; Q47; T01; T04; T05

International Patent Class (Main): G06K-000/00; G06T-007/00; G07C-009/00

International Patent Class (Additional): A61B-000/00; B42D-000/00;

E05B-049/00; G06F-019/00; H05K-000/00

File 348:EUROPEAN PATENTS 1978-2003/Apr W04

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File 349:PCT FULLTEXT 1979-2002/UB=20030501,UT=20030424

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?ds

Set	Items	Description
S1	34394	ATM OR ATMS OR AUTOMAT?() (BANKING OR TELLER?) ()MACHINE? OR BANKING()MACHINE? OR (TELLER? OR TRANSACTION?) (2N) (ELECTRONIC? OR MACHINE? OR DEVICE? OR APPARATUS?) OR CONSUMER()TRANSACTION()FACILIT? OR AUTOMATIC()DEPOSIT()PAYMENT()MACHINE?
S2	8756	(MANY OR VARIET? OR VARIOUS OR MULTI OR SEVERAL OR MULTIPL? OR NUMEROUS OR TWO) (5N) (CAMERA? OR IMAGE() (DEVICE? OR APPARATUS? OR RECORDER?))
S3	53201	(STORE? ? OR STORAGE OR STORING OR KEEP? OR KEPT OR SAVE OR SAVES OR SAVED OR SAVING) (5N) (IMAGE? ? OR PERSON? ? OR CLIENT? OR CUSTOMER? OR TRANSACTION?)
S4	59680	(RETRIEVAL? OR RETRIEVE? ? OR GETS OR GETTING OR OBTAIN? OR FETCH? ?) (5N) (IMAGE? ? OR PERSON? ? OR CLIENT? OR CUSTOMER? - OR TRANSACTION?)
S5	317552	(RECORDING? OR RECORD? ? OR DOCUMENT? OR CHRONICLE? OR FILM? ? OR PHOTOGRAPH OR PHOTOGRAPHS OR CAPTURE? ? OR CAPTURING) - (5N) (IMAGE? ? OR PERSON? ? OR CLIENT? OR CUSTOMER? OR TRANSACTION?)
S6	24	S1(S)S2
S7	6	S6(S) (S3 OR S4 OR S5)
S8	451	S1(S) (CAMERA? OR IMAGE() (DEVICE? OR APPARATUS? OR RECORDER-?))
S9	184	S8 NOT (SECURITY OR SURVEILLANCE)
S10	31	S9(S) (S3 OR S4 OR S5)
S11	31	S10 NOT S7

Revised at 3/15/03 *24*

7/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01308730

DATA ACQUISITION SYSTEM, ARTIFICIAL EYE, VISION DEVICE, IMAGE SENSOR AND  
ASSOCIATED DEVICE

DATENERFASSUNGSSYSTEM, KUNSTLICHES AUGE, SICHTGERAT,BILDSENSOR UND  
ZUGEHORIGE VORRICHTUNG

SYSTEME D'ACQUISITION DE DONNEES, OEIL ARTIFICIEL, DISPOSITIF DE VISION,  
CAPTEUR D'IMAGES, ET APPAREIL ASSOCIE

PATENT ASSIGNEE:

Ecchandes Inc., (2986380), 12-7, Chuohommachi, Gamagori-shi, Aichi  
443-0057, (JP), (Applicant designated States: all)

INVENTOR:

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443-0057, (JP)

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PATENT (CC, No, Kind, Date): EP 1248465 A1 021009 (Basic)  
WO 2001041448 010607

APPLICATION (CC, No, Date): EP 2000977947 001124; WO 2000JP8334 001124

PRIORITY (CC, No, Date): JP 99339360 991130; JP 99369220 991227; JP

200021315 000131; JP 200064544 000309; JP 200068155 000313; JP

2000111675 000413; JP 2000138125 000511; JP 2000174616 000612; JP

2000236461 000804; JP 2000322422 001023

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-007/18; H04N-005/225; H04N-005/232;  
G06T-001/00

NOTE:

Figure number on first page: 6

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200241	1886
SPEC A	(English)	200241	47811
Total word count - document A			49697
Total word count - document B			0
Total word count - documents A + B			49697

...SPECIFICATION at least one of pan, tilt, roll and zoom, wherein said  
visual devices carry out: **capturing** digital **images** from animation  
**images** taken by said moving cameras; generating type, position and the  
number of objects in said...

...occupy the communication network. Since the present invention releases  
the user from controlling the moving **camera**, **many** problems on  
photography of the objects and communication are solved very well.

The invention described...

7/3,K/2 (Item 2 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00693977

Method and apparatus for customer identification at automated teller  
machines.

Verfahren und Vorrichtung zur Kundenidentifikation an einem automatischen  
Bankschalter.

Methode et dispositif pour l'identification du client a un guichet de  
banque automatique.

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201214), 343 State Street, Rochester, New York  
14650-2201, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

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State Street, Rochester, New York 14650-2201, (US)  
Ellson, Richard Nathan, c/o Eastman Kodak Co., Patent Legal Staff, 343  
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LEGAL REPRESENTATIVE:

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Centre de Recherches et de Technologie Zone Industrielle, F-71102  
Chalon sur Saone Cedex, (FR)

PATENT (CC, No, Kind, Date): EP 661677 A2 950705 (Basic)  
EP 661677 A3 951220

APPLICATION (CC, No, Date): EP 94420364 941220;

PRIORITY (CC, No, Date): US 174562 931228

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G07F-007/10; G07C-009/00;

ABSTRACT WORD COUNT: 90

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB95	371
SPEC A	(English)	EPAB95	2683
Total word count - document A			3054
Total word count - document B			0
Total word count - documents A + B			3054

...SPECIFICATION transaction must be minimized.

Many ATM's come equipped with a camera in order to **capture** the  
**images** of the **persons** associated with the transactions, but these  
systems are limited in **several** aspects. If the **camera captures** an  
**image** by a photographic method, then the camera is limited by the amount  
of **film** loaded and by matching **transaction** with the image. Using a  
video camera and locally **storing** a **captured image** on video tape has  
a similar problem. **Capturing** and transmitting **images** via  
close-circuit television is quite expensive, and **storing** and  
maintaining the **image** data file becomes a major system constraint.

A need has been felt for capturing an...

7/3,K/3 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00909145 \*\*Image available\*\*

**PLANAR LASER ILLUMINATION AND IMAGING (PLIIM) SYSTEMS WITH INTEGRATED  
DESPECKLING MECHANISMS PROVIDED THEREIN**  
**SYSTEMES PLIIM D'ILLUMINATION ET D'IMAGERIE AU LASER PLANAIRE A MECANISME  
DE DECHATOIEMENT INTEGRE**

Patent Applicant/Assignee:

METROLOGIC INSTRUMENTS INC, 90 Coles Road, Blackwood, NJ 08012, US, US  
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

TSIKOS Constantine J, 65 Woodstone Drive, Voorhees, NJ 08043-4749, US, US  
(Residence), US (Nationality), (Designated only for: US)

KNOWLES Carl Harry, 425 East Linden Street, Morrestown, NJ 08057, US, US  
(Residence), US (Nationality), (Designated only for: US)

ZHU Xiaoxun, 669 Barton Run Boulevard, Marlton, NJ 08053, US, US  
(Residence), CN (Nationality), (Designated only for: US)

SCHNEE Michael D, 41 Penns Court, Aston, PA 191014, US, US (Residence),  
US (Nationality), (Designated only for: US)

AU Ka Man, 1224 Devereaux Avenue, Philadelphia, PA 19111, US, US

...host computer system in response to the decoding of a bar code symbol within a **captured image** frame; and (iv) a LCD display panel and a data entry keypad for supporting diverse...

...set of VLD driver circuits), the area-type image formation and detection (IFD) module, the **image** frame grabber, the **image** data buffer, and the **image** processing computer, via the camera control computer, in response to the automatic detection of an...

...host computer system in response to the decoding of a bar code symbol within a **captured image** frame, and (iv) a LCD display panel and a data entry keypad for supporting diverse...

...character data to a host computer system upon decoding a bar code symbol within a **captured image** frame, and (iv) a LCD display panel and a data entry keypad for supporting diverse types of **transactions** using the PLUM-based hand-supportable imager;  
 Fig. 53BI is a block schematic diagram of...iv) a LCD display panel and a data entry keypad for supporting diverse types of **transactions** using the PLIIM-based hand-supportable imager;  
 Fig. 53CI is a block schematic diagram of...entry keypad for manually entering data into the imager during diverse types of information-related **transactions** supported by the PLIIM-based hand-supportable imager;  
 Fig. 60B is an exploded perspective view...These micro-oscillated PUB components are optically combined by the cylindrical lens array so that **numerous** phase-delayed PUB components are projected onto the same points on the surface of the...will influence the number of substantially different time-varying speckle-noise patterns generated at the **image** detection array during each photo-integration time period thereof: (i) the spatial period of the...

7/3,K/4 (Item 2 from file: 349)  
 DIALOG(R)File 349:PCT FULLTEXT  
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00459165 \*\*Image available\*\*

**UNIVERSAL EPISTEMOLOGICAL MACHINE (A.K.A. ANDROID)**  
**MACHINE EPISTEMOLOGIQUE UNIVERSELLE (ANDROIDE A.K.A.)**

Patent Applicant/Assignee:

DATIG William E,

Inventor(s):

DATIG William E,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9849629 A1 19981105

Application: WO 98US8527 19980427 (PCT/WO US9808527)

Priority Application: US 97847230 19970501; US 97876378 19970616; US 9833676 19980303

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 265553

Fulltext Availability:

Claims

Claim

... sitting on, a being itself-in fact, all of inertial reality conventionally defined as a **person**, place or thing-become phenomena of enabled form, The quantum moments of our own universe...

7/3,K/5 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00421253 \*\*Image available\*\*

**SECURITY SYSTEM FOR AN AUTOMATED TELLER MACHINE  
SYSTEME DE SECURITE POUR GUICHET AUTOMATIQUE**

Patent Applicant/Assignee:

TVX INC,

Inventor(s):

HACKETT Kenneth R,  
VAN HORN Kenneth G,  
WICKMAN William H Jr,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9811714 A2 19980319

Application: WO 97US16357 19970912 (PCT/WO US9716357)

Priority Application: US 96713402 19960913

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW  
GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI  
FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 18426

Fulltext Availability:

Detailed Description

Detailed Description

... includes two video cameras 3 1 Oa and 3 1 Ob in ATM 302 which capture  
images of zones 312a. and 312b, respectively. In ATM 304, two  
video cameras 314a and 314b capture images of zones 316a and 316b,  
respectively.

Cameras 3 1 Oa and 314a are mounted in...

7/3,K/6 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00162516 \*\*Image available\*\*

**CREDIT CARD TRANSACTION APPARATUS AND METHOD  
APPAREIL DE TRANSACTION PAR CARTE DE CREDITS ET PROCEDE**

Patent Applicant/Assignee:

DATA CARD CORPORATION,

Inventor(s):

ADKINS David A,  
HAEUSER William W,  
YOUNGER Thomas L,

Patent and Priority Information (Country, Number, Date):

Patent: WO 8908899 A1 19890921

Application: WO 89US817 19890301 (PCT/WO US8900817)

Priority Application: US 88201 19880310

Designated States: AT BE CH DE FR GB IT JP KR LU NL SE

Publication Language: English

Fulltext Word Count: 6820

Fulltext Availability:

Claims

Claim

... card 1

may be a credit card, whereby an issuer authorizes the  
user (issuee) to obtain commercial credit, for various

11/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

01549383

System, method and software product for ordering image products over a communication network from a plurality of different providers having various business relationships

System, Verfahren und Computerprogramm für die Bestellung von Bildprodukten über ein Kommunikationsnetz von einer Mehrzahl unterschiedlicher Lieferanten, die verschiedene Geschäftsbeziehungen haben

Systeme, methode et logiciel pour commander, au moyen d'un reseau de communication, des produits de type image d'une pluralite de fournisseurs de services ayant differentes relations commerciales

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York 14650, (US), (Applicant designated States: all)

INVENTOR:

Chauvin, Lou, c/o Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Bussey, Howard E., c/o Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Parulski, Kenneth A., c/o Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Gotham, Pamela J., c/o Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Cook, Mark S., c/o Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Foster, John A., c/o Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Dobbs, Christopher M., c/o Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Thompson, Timothy G., c/o Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Gerskovich, Philip, c/o Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

McIntyre, Dale F., c/o Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

LEGAL REPRESENTATIVE:

Haile, Helen Cynthia et al (60522), Kodak Limited Patent, W92-3A, Headstone Drive, Harrow, Middlesex HA1 4TY, (GB)

PATENT (CC, No, Kind, Date): EP 1288828 A1 030305 (Basic)

APPLICATION (CC, No, Date): EP 2002255539 020807;

PRIORITY (CC, No, Date): US 939369 010824; US 51338 020118

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 102

NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200310	450
SPEC A	(English)	200310	10605
Total word count - document A			11055
Total word count - document B			0
Total word count - documents A + B			11055

...SPECIFICATION the customer uses the order terminal 40 to select a desired service. For example, the **customer** can bring a digital **image storage** device, such as a PictureCD (or alternatively another type of optical disc or magnetic disc) containing digitized **film images**, to

photo kiosk 81 and insert it into a CD reader slot (not shown). The display 91 on the photo kiosk can display thumbnails of the **images stored** on the PictureCD. The user may desire to make reprints of some or all of the **images stored** on the PictureCD. In a second example, a user can use a photo kiosk 83 to access **images** previously **stored** by a photo service provider. The user may desire to make a photo T-shirt...

...a gift. In a third example, a user may be on vacation, and use the **ATM** order terminal 85 located in a hotel or theme park. The user may desire to upload **images stored** by their digital **camera** on a memory card. The **ATM** order terminal 85 can include a memory card slot (not shown) for receiving the memory...

...device D 87, such as a mobile phone having an image display 97, to view **images** previously uploaded and **stored** by a service provider. The user can then order additional prints of selected images to...

11/3,K/2 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

01549379

**System, method and software product for ordering image products using images stored on a digital storage device from a plurality of order terminals**

**System, Verfahren und Softwareprodukt zur Bestellung von Bildprodukten unter Verwendung von digital gespeicherten Bildern von einer Vielzahl von Bestellterminals**

**Système, méthode et logiciel pour commander des produits de type image au moyen d'images stockées sur un appareil de stockage numérique à partir de plusieurs terminaux de commande**

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York 14650, (US), (Applicant designated States: all)

INVENTOR:

Chauvin, Lou, Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Bussey, Howard E., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Dobbs, Christopher M., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Parulski, Kenneth A., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Thompson, Timothy G., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Foster, John A., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Gotham, Pamela J., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Gerskovich, Philip, Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Cook, Mark S., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

McIntyre, Dale F., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

LEGAL REPRESENTATIVE:

Haile, Helen Cynthia et al (60522), Kodak Limited Patent, W92-3A, Headstone Drive, Harrow, Middlesex HA1 4TY, (GB)

PATENT (CC, No, Kind, Date): EP 1288826 A1 030305 (Basic)

APPLICATION (CC, No, Date): EP 2002255510 020807;

PRIORITY (CC, No, Date): US 939369 010824; US 51340 020118

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI



INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 126

NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200310	522
SPEC A	(English)	200310	10633
Total word count - document A			11155
Total word count - document B			0
Total word count - documents A + B			11155

...SPECIFICATION the customer uses the order terminal 40 to select a desired service. For example, the **customer** can bring a digital **image storage** device, such as a PictureCD (or alternatively another type of optical disc or magnetic disc) containing digitized **film images**, to photo kiosk 81 and insert it into a CD reader slot (not shown). The display 91 on the photo kiosk can display thumbnails of the **images stored** on the PictureCD. The user may desire to make reprints of some or all of the **images stored** on the PictureCD. In a second example, a user can use a photo kiosk 83 to access **images** previously **stored** by a photo service provider. The user may desire to make a photo T-shirt...

...a gift. In a third example, a user may be on vacation, and use the **ATM** order terminal 85 located in a hotel or theme park. The user may desire to upload **images stored** by their digital **camera** on a memory card. The **ATM** order terminal 85 can include a memory card slot (not shown) for receiving the memory...

...device D 87, such as a mobile phone having an image display 97, to view **images** previously uploaded and **stored** by a service provider. The user can then order additional prints of selected images to...

11/3,K/3 (Item 3 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

01549378

System, method and software product for ordering image products over a communication network from a plurality of different providers having various business relationships, using images stored on a digital storage device

System, Verfahren und Computerprogramm für die Bestellung von Bildprodukten über ein Kommunikationsnetz von einer Mehrzahl unterschiedlicher Lieferanten, die verschiedene Geschäftsbeziehungen haben, unter Verwendung von Bildern, die auf einer Digitalspeichervorrichtung gespeichert sind

Systeme, methode et logiciel pour commander, au moyen d'un reseau de communication, des produits de type image d'une pluralite de fournisseurs de services ayant differentes relations commerciales, en utilisant des images stockees sur un appareil de stockage numerique

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York 14650, (US), (Applicant designated States: all)

INVENTOR:

Chauvin, Lou, c/o Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Bussey, Howard E., c/o Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Dobbs, Christopher M., c/o Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Parulski, Kenneth A., c/o Eastman Kodak Company, 343 State Street,

Rochester, New York 14650-2201, (US)  
Thompson, Timothy G., c/o Eastman Kodak Company, 343 State Street,  
Rochester, New York 14650-2201, (US)  
Foster, John A., c/o Eastman Kodak Company, 343 State Street, Rochester,  
New York 14650-2201, (US)  
Gotham, Pamela J., c/o Eastman Kodak Company, 343 State Street,  
Rochester, New York 14650-2201, (US)  
Gerskovich, Philip, c/o Eastman Kodak Company, 343 State Street,  
Rochester, New York 14650-2201, (US)  
Cook, Mark S., c/o Eastman Kodak Company, 343 State Street, Rochester,  
New York 14650-2201, (US)  
McIntyre, Dale F., c/o Eastman Kodak Company, 343 State Street,  
Rochester, New York 14650-2201, (US)

LEGAL REPRESENTATIVE:

Haile, Helen Cynthia et al (60522), Kodak Limited Patent, W92-3A,  
Headstone Drive, Harrow, Middlesex HA1 4TY, (GB)  
PATENT (CC, No, Kind, Date): EP 1288825 A1 030305 (Basic)  
APPLICATION (CC, No, Date): EP 2002255509 020807;  
PRIORITY (CC, No, Date): US 939369 010824; US 50979 020118  
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
IE; IT; LI; LU; MC; NL; PT; SE; SK; TR  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS: G06F-017/60  
ABSTRACT WORD COUNT: 101  
NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200310	452
SPEC A	(English)	200310	10585
Total word count - document A			11037
Total word count - document B			0
Total word count - documents A + B			11037

...SPECIFICATION the customer uses the order terminal 40 to select a desired service. For example, the **customer** can bring a digital **image storage** device, such as a PictureCD (or alternatively another type of optical disc or magnetic disc) containing digitized **film images**, to photo kiosk 81 and insert it into a CD reader slot (not shown). The display 91 on the photo kiosk can display thumbnails of the **images stored** on the PictureCD. The user may desire to make reprints of some or all of the **images stored** on the PictureCD. In a second example, a user can use a photo kiosk 83 to access **images** previously **stored** by a photo service provider. The user may desire to make a photo T-shirt...

...a gift. In a third example, a user may be on vacation, and use the **ATM** order terminal 85 located in a hotel or theme park. The user may desire to upload **images stored** by their digital **camera** on a memory card. The **ATM** order terminal 85 can include a memory card slot (not shown) for receiving the memory...

...device D 87, such as a mobile phone having an image display 97, to view **images** previously uploaded and **stored** by a service provider. The user can then order additional prints of selected images to...

11/3,K/4 (Item 4 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01400392

Information processing apparatus connected to a serial bus and method therefore

An einen seriellen Bus angeschlossene Informationsverarbeitungsvorrichtung  
und Verfahren dafür

Dispositif de traitement d'information connecte a un bus serie et methode  
associee

PATENT ASSIGNEE:

CANON KABUSHIKI KAISHA, (542361), 30-2, 3-chome, Shimomaruko, Ohta-ku,  
Tokyo, (JP), (Applicant designated States: all)

INVENTOR:

Suzuki, Naohisa, c/o Canon KK, 30-,, 3-chome, Shimomaruko, Ohta-ku, Tokyo,  
(JP)

Nakamura, Atsushi, c/o Canon KK, 30-, 3-chome, Shimomaruko, Ohta-ku,  
Tokyo, (JP)

LEGAL REPRESENTATIVE:

Beresford, Keith Denis Lewis et al (28273), BERESFORD & Co. 2-5 Warwick  
Court, High Holborn, London WC1R 5DH, (GB)

PATENT (CC, No, Kind, Date): EP 1184791 A2 020306 (Basic)

APPLICATION (CC, No, Date): EP 2001307334 010829;

PRIORITY (CC, No, Date): JP 2000259713 000829

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-012/06

ABSTRACT WORD COUNT: 140

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200210	855
SPEC A	(English)	200210	11671
Total word count - document A			12526
Total word count - document B			0
Total word count - documents A + B			12526

...SPECIFICATION in the above description), only information as a  
configuration ROM with a minimal format is **obtained**, and no block  
**transaction** can be used. To provide more detailed information and  
increase the efficiency of the configuration...  
...area capable of a block transaction. When the ROM image is read by a  
block **transaction**, the **device** discovery can be efficiently performed,  
and detailed information can be acquired.

\* Printing Operation  
Upon receiving...

11/3,K/5 (Item 5 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01302911

Self-service terminal

Selbstbedienungsterminal

Terminal en libre service

PATENT ASSIGNEE:

NCR INTERNATIONAL INC., (1449480), 1700 South Patterson Boulevard,  
Dayton, Ohio 45479, (US), (Applicant designated States: all)

INVENTOR:

Roger, Ian M., 18 Liff Park, Liff, By Dundee DD2 5PH, (GB)

Sime, Iain R. F., 15 (H) Shepherd's Loan, Dundee DD2 1AW, (GB)

Swaine, Stephen W., 4 Castle Street, Newtyle, Angus PH12 8TX, (GB)

Miller, Michael, 2291-F Dunwoody Crossing, Dunwoody, Georgia 30338, (US)

LEGAL REPRESENTATIVE:

Williamson, Brian et al (84715), International IP Department, NCR

Limited, 206 Marylebone Road, London NW1 6LY, (GB)  
PATENT (CC, No, Kind, Date): EP 1117076 A2 010718 (Basic)  
APPLICATION (CC, No, Date): EP 2000310384 001122;  
PRIORITY (CC, No, Date): US 482667 000113  
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS: G07F-007/10; G07F-019/00; G09B-021/00  
ABSTRACT WORD COUNT: 83  
NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200129	240
SPEC A	(English)	200129	3673
Total word count - document A			3913
Total word count - document B			0
Total word count - documents A + B			3913

...SPECIFICATION 30 in a conventional manner using the iris recognition unit 22. The cameras 60,62 **capture images** of the user 30 and the locator 64 determines the angular position of the user...

11/3,K/6 (Item 6 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

01132135

**Determining the position of eyes through detection of flashlight reflection and correcting defects in a captured frame**

**Bestimmung der Augenposition durch Detektion des reflektierten Blitzlichtes und Korrektur von Fehlern in einer Bildaufnahme**

**Determination de la position des yeux par detection de la lumiere flash reflechie et correction de defauts dans une image**

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York 14650, (US), (Applicant designated States: all)

INVENTOR:

Luo, Jiebo, Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

LEGAL REPRESENTATIVE:

Parent, Yves et al (17684), KODAK INDUSTRIE, Departement Brevets, CRT - Zone Industrielle, 71102 Chalon-sur-Saone Cedex, (FR)

PATENT (CC, No, Kind, Date): EP 989517 A2 000329 (Basic)  
EP 989517 A3 030102

APPLICATION (CC, No, Date): EP 99202983 990913;

PRIORITY (CC, No, Date): US 154684 980917

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06T-005/50

ABSTRACT WORD COUNT: 138

NOTE:

Figure number on first page: 6

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200013	2249
SPEC A	(English)	200013	5698
Total word count - document A			7947
Total word count - document B			0

...SPECIFICATION THE INVENTION

The configuration of an apparatus for determining the position of eyes within a **captured image** frame is depicted in Fig. 3. This system can be used for a number of applications, including user identification (e.g., for **ATM** ), user monitoring (e.g., for checking the alertness of car drivers), and pose optimization for...

...The apparatus 10 includes an illumination source 12 which is attached to means 14 for **capturing** at least two **image** frames of an image scene. In the embodiment as shown in Fig. 3, the means 14 for capturing is a video **camera** . A driver circuit 16 is attached to the video **camera** and a frame grabber 18 is positioned in the video **camera** . Additionally the video **camera** is provided with an optical lens 20 which defines an optical axis 22. The video **camera** is connected by an electric cable 24 to electronic means 26. The electronic means comprises...

...20. In other words, the illumination source 12 should be placed as close to the **camera** 's optical axis 22 as possible. This will give the narrowest retinal reflection angle and...

...defect to make a robust pupil location feature. On the contrary, common practice in conventional **camera** design is to make the angle between these components as large as possible to minimize...

11/3,K/7 (Item 7 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00947059

**Communications system**

**Kommunikationssystem**

**Systeme de communication**

PATENT ASSIGNEE:

Matsushita Electric Industrial Co., Ltd., (1855506), 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-0050, (JP), (Applicant designated States: all)

INVENTOR:

Ohyama, Satoshi, 7-1-323, Takahama-cho, Ashiya-shi, Hyogo 659-0033, (JP)  
Higashida, Masaaki, 2-12-3-20, Kinda-cho, Moriguchi-shi, Osaka 570-0011, (JP)

Morioka, Yoshihiro, 476-51, Ninji 3-chome, Kashiba-shi, Nara 639-0261, (JP)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhauser Anwaltssozietat (100721), Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 859535 A2 980819 (Basic)  
EP 859535 A3 000419

APPLICATION (CC, No, Date): EP 98102634 980216;

PRIORITY (CC, No, Date): JP 9731610 970217

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04Q-011/04

ABSTRACT WORD COUNT: 120

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9834	1115
SPEC A	(English)	9834	8195
Total word count - document A			9310
Total word count - document B			0
Total word count - documents A + B			9310

...SPECIFICATION embodiment of the present invention. In Figure 1, reference numeral 101 is a camera for **capturing** a moving **image**, 102 is a transmitting terminal, 103 is a receiving terminal, 104 is an **ATM** switch, and 105 is a monitor.

In the transmitting terminal 102, reference numeral 106 is...

11/3,K/8 (Item 8 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00925839

**System for storing and utilizing picture image data recorded by digital camera**

**System zur Speicherung und Gebrauch von Bilddaten, die durch ein digitale Kamera aufgezeichnet sind**

**Systeme de stockage et d'utilisation de donnees d'image enregistrees par une camera electronique**

PATENT ASSIGNEE:

Fuji Photo Film Co., Ltd., (202402), 210 Nakanuma Minamiashigara-shi, Kanagawa-ken, (JP), (Applicant designated States: all)

INVENTOR:

Shioto, Kazuo, c/o Fuji Photo Film Co., Ltd., 2-26-30, Nishiazabu, Minato-ku, Tokyo, (JP)

Haneda, Norihisa, c/o Fuji Photo Film Co., Ltd., 3-11-46 Senzui, Asaka-shi, Saitama-ken, (JP)

Fukada, Shigekazu, c/o Fuji Photo Film Co., Ltd., 2-26-30, Nishiazabu, Minato-ku, Tokyo, (JP)

LEGAL REPRESENTATIVE:

Klunker . Schmitt-Nilson . Hirsch (101001), Winzererstrasse 106, 80797 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 844781 A2 980527 (Basic)

EP 844781 A3 020109

APPLICATION (CC, No, Date): EP 97120401 971120;

PRIORITY (CC, No, Date): JP 96309324 961120

DESIGNATED STATES: DE; ES; FR; GB; IT; NL; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H04N-001/21

ABSTRACT WORD COUNT: 70

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9822	679
SPEC A	(English)	9822	3904
Total word count - document A			4583
Total word count - document B			0
Total word count - documents A + B			4583

...SPECIFICATION a floppy disc, an MO disc, and a Zip disc.

The outline of the picture **image storing** and utilizing system of the present invention has been described above, referring to Figure 1...  
...one location. Especially, when the object of the present invention, that is, to make digital **cameras** more easily usable, is taken into consideration, it is preferable to implement the present invention...

...unmanned service or self service, as is the case of an automatic vending machine, an **ATM** at a bank, or a fax machine at a convenience store.

For this purpose, it...

11/3,K/9 (Item 9 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS  
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00924847

**System and method for obtaining prices for items**  
**Vorrichtung und verfahren zum erhalten von Preisen von Artikeln**  
**Systeme et methode pour l'obtention de prix d'articles**

PATENT ASSIGNEE:

NCR INTERNATIONAL INC., (1449480), 1700 South Patterson Boulevard,  
Dayton, Ohio 45479, (US), (applicant designated states:  
AT;BE;CH;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

Espy, Calvin L., 3295 Wakefield Drive, Decatur, Georgia 30034, (US)  
Ming, John Charles, 376 John Tate Road, Acworth, Georgia 30102, (US)  
Huang, Jianzhong, 2752 Oak Meadow Lane, Snellville, Georgia 30278, (US)  
Peng, Antai, 1782 Walker Avenue, Apt. No. D, Irvington, New Jersey 07111,  
(US)

Briggs, Barry Dean, 4537 Town Crier Road, Lilburn, Georgia 30047, (US)

LEGAL REPRESENTATIVE:

Irish, Vivien Elizabeth (32204), International IP Department, NCR  
Limited, 206 Marylebone Road, London NW1 6LY, (GB)

PATENT (CC, No, Kind, Date): EP 843293 A2 980520 (Basic)

APPLICATION (CC, No, Date): EP 97308068 971013;

PRIORITY (CC, No, Date): US 748440 961113

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU;  
MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: G07G-001/00

ABSTRACT WORD COUNT: 73

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9821	434
SPEC A	(English)	9821	3557
Total word count - document A			3991
Total word count - document B			0
Total word count - documents A + B			3991

...SPECIFICATION word "terminal".

Processor 24 executes transaction processing software 34 to support  
transaction processing. For example, **transaction** processing software 34  
**obtains** the prices of all merchandise items, including prices of item  
22 identified by **camera** 18, from a price look-up (PLU) file 36  
associated with transaction server 16. Transaction...

...prices of the items and directs printer 32 to print a receipt to  
complete the **transaction**.

Input **device** 30 is preferably a keyboard.

Bar code reader 66 reads bar code labels on items...

11/3,K/10 (Item 10 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

00912869

**Memory system for use in an image data processing apparatus**  
**Speichersystem zur Anwendung in einer Bilddatenverarbeitungsvorrichtung**  
**Systeme de memoire pour l'usage dans un dispositif de traitement de donnees**  
**d'image**

PATENT ASSIGNEE:

FUJI PHOTO FILM CO., LTD., (202408), 210 Nakanuma Minami-Ashigara-shi,  
Kanagawa, (JP), (applicant designated states: DE;GB)

INVENTOR:

Masukane, Kazuyiki, c/o Fuji Photo Film Co., Ltd., 26-30, Nishi-Azabu

2-chome, Minato-ku, Tokyo, (JP)  
Bartsch, Kenneth E., 569 Hi-View Drive, Lititz, Pennsylvania 17543, (US)  
LEGAL REPRESENTATIVE:  
Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721)  
, Maximilianstrasse 58, 80538 Munchen, (DE)  
PATENT (CC, No, Kind, Date): EP 833506 A1 980401 (Basic)  
APPLICATION (CC, No, Date): EP 97120398 911108;  
PRIORITY (CC, No, Date): US 610910 901109; US 611202 901109; US 611201  
901109; US 610902 901109  
DESIGNATED STATES: DE; GB  
RELATED PARENT NUMBER(S) - PN (AN):  
EP 484981 (EP 911190957)  
INTERNATIONAL PATENT CLASS: H04N-007/01; G09G-001/16;  
ABSTRACT WORD COUNT: 135

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9814	271
SPEC A	(English)	9814	14403
Total word count - document A			14674
Total word count - document B			0
Total word count - documents A + B			14674

...SPECIFICATION such as a Video Graphics Array (VGA) image. This prior art imaging system includes a **personal** computer and an **image recording** and reproducing device which are interfaced to each other by an electronics board. For example...

...developed as bit-mapped data in a video memory included in the electronics board. The **personal** computer may **fetch** the bit-mapped data later as needed and, thereafter, handle them as VGA image or...

11/3,K/11 (Item 11 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

00812696

**Heat sensitive recording material and recording method.**

**Warmeempfindliches Aufzeichnungsmaterial und Aufzeichnungsverfahren.**

**Materiau d'enregistrement sensible a la chaleur et methode d'enregistrement.**

PATENT ASSIGNEE:

MITSUBISHI PAPER MILLS, LTD., (231262), 4-2, Marunouchi 3-chome,  
Chiyoda-ku Tokyo, (JP), (Proprietor designated states: all)

INVENTOR:

Ikeda, Haruhiko, Mitsubishi Paper Mills, Ltd., 4-2, Marunouchi-3-chome,  
Chiyoda-ku, Tokyo, (JP)  
Hiraishi, Shigetoshi, Mitsubishi Paper Mills, Ltd., 4-2,  
Marunouchi-3-chome, Chiyoda-ku, Tokyo, (JP)  
Suematsu, Koji, New-W-Mansyon 2, 9-30, Minamiyashirocho, Himeji-shi,  
Hyogo, (JP)

LEGAL REPRESENTATIVE:

Hansen, Bernd, Dr. Dipl.-Chem. et al (4924), Hoffmann Eitle, Patent- und  
Rechtsanwalte, Arabellastrasse 4, 81925 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 754564 A2 970122 (Basic)  
EP 754564 A3 970226  
EP 754564 B1 000301

APPLICATION (CC, No, Date): EP 96111518 960717;

PRIORITY (CC, No, Date): JP 95181227 950718; JP 95263745 951012; JP 9634657  
960222

DESIGNATED STATES: DE

INTERNATIONAL PATENT CLASS: B41M-005/40; B41M-005/30; B41M-005/34;  
B41M-003/14



ABSTRACT WORD COUNT: 230

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200009	373
CLAIMS B	(German)	200009	323
CLAIMS B	(French)	200009	396
SPEC B	(English)	200009	9110
Total word count - document A			0
Total word count - document B			10202
Total word count - documents A + B			10202

...SPECIFICATION an image, and a fixed portion corresponding to the pattern such as letter may be **obtained** in that **image** portion.

The heat sensitive **recording** material of the present invention by which multicolor recording can be carried out are used...

...color hues. If necessary, a fixed portion can be provided. Examples of the use are **ATM** /CD, cash register, slips, notes, thickets, video output, television output, game machines, car navigator output, digital **camera** output, medical treatments (diagnosis of image), computer graphics output, toys, education by correspondence, raffle, drafting...

11/3,K/12 (Item 12 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00687162

**Image-shake correcting device**

**Vorrichtung zur Bildzitterkorrektur**

**Dispositif de correction de tremblements d'image**

PATENT ASSIGNEE:

CANON KABUSHIKI KAISHA, (542361), 30-2, 3-chome, Shimomaruko, Ohta-ku, Tokyo, (JP), (Proprietor designated states: all)

INVENTOR:

Inou, Kazuya, c/o Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku, Tokyo, (JP)

Kaneda, Kitahiro, c/o Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku, Tokyo, (JP)

LEGAL REPRESENTATIVE:

Tiedtke, Harro, Dipl.-Ing. (11949), Patentanwaltsburo

Tiedtke-Buhling-Kinne & Partner Bavariaring 4, 80336 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 656725 A1 950607 (Basic)

EP 656725 B1 000315

APPLICATION (CC, No, Date): EP 94119003 941201;

PRIORITY (CC, No, Date): JP 93338792 931202; JP 93344976 931220

DESIGNATED STATES: DE; GB; NL

INTERNATIONAL PATENT CLASS: H04N-005/232

ABSTRACT WORD COUNT: 119

NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200011	2041
CLAIMS B	(German)	200011	1451
CLAIMS B	(French)	200011	2294
SPEC B	(English)	200011	10624
Total word count - document A			0
Total word count - document B			16410
Total word count - documents A + B			16410

...SPECIFICATION movement of the camera by the angular velocity sensor or the movement detecting means.

Furthermore, document IEEE TRANSACTIONS ON CONSUMER ELECTRONICS , vol.36, no.3, August 1990, NEW-YORK (US) pages 520 - 525 KINUGASA ET AL. 'ELECTRONIC IMAGE STABILIZER FOR VIDEO CAMERA USE' discloses an electronic image stabilizer for video camera use wherein the image

11/3,K/13 (Item 13 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

00668752

Video signal recording/reproducing apparatus

Gerat zur Aufzeichnung und Wiedergabe eines Videosignals

Appareil d'enregistrement et de reproduction d'un signal video

PATENT ASSIGNEE:

SONY CORPORATION, (214021), 7-35 Kitashinagawa 6-chome Shinagawa-ku,  
Tokyo 141, (JP), (applicant designated states: DE;FR;GB;NL)

INVENTOR:

Nagasawa, Fumihiro, c/o Intell.Prty.Div.Sony Corp., 6-7-35 Kitashinagawa,  
Shinagawa-ku, Tokyo 141, (JP)

Oguro, Masaki, c/o Intell.Prty.Div.Sony Corp., 6-7-35 Kitashinagawa,  
Shinagawa-ku, Tokyo 141, (JP)

LEGAL REPRESENTATIVE:

Williams, Janice et al (72851), D. Young & Co., 21 New Fetter Lane,  
London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 642274 A2 950308 (Basic)  
EP 642274 A3 950426  
EP 642274 B1 990317

APPLICATION (CC, No, Date): EP 94306528 940905;

PRIORITY (CC, No, Date): JP 93245898 930906

DESIGNATED STATES: DE; FR; GB; NL

INTERNATIONAL PATENT CLASS: H04N-009/804; H04N-009/806;

ABSTRACT WORD COUNT: 137

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9911	917
CLAIMS B	(German)	9911	834
CLAIMS B	(French)	9911	1050
SPEC B	(English)	9911	7965
Total word count - document A			0
Total word count - document B			10766
Total word count - documents A + B			10766

...SPECIFICATION color resolution.

United States Patent US-A-5,212,742 discusses various still and moving image recording and data compression techniques.

IEEE TRANSACTIONS ON CONSUMER ELECTRONICS , Vol. 38, No. 3, August 1992, New York, US, pages 698 - 701, XP 311913 "A digital still camera " by M. Uchiyama et al discloses a digital still image camera that records colour images in a R,G,B format.

In accordance with an aspect of the present invention...

11/3,K/14 (Item 14 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

00555217

Conversion and storing of video still image data in a selectable directly  
PC compatible digital image data format

Umwandlung und Speicherung von Video-Standbildsignalen in ein wahlbares

direkt PC-kompatibles digitales Bilddatenformat  
Conversion et stockage de signaux video d'images fixes dans un format  
numerique de donnees d'image selectable et directement compatible avec  
des ordinateurs per

PATENT ASSIGNEE:

St. Clair Intellectual Property Consultants, Inc., (2224150), 16845  
Kercheval Ave., Suite Two, Grosse Pointe, Michigan 48230, (US),  
(applicant designated states: DE;GB)  
ROBERTS, Marc K., (1511770), 5701 Wooden Hawk Lane, Burke, VA 22015, (US)  
, (applicant designated states: DE;GB)  
CHIKOSKY, Matthew A., (1511780), 7388 Shady Palm Drive, Springfield, VA  
22153, (US), (applicant designated states: DE;GB)  
SPEASL, Jerry A., (1511790), 10727 Hunter Place, Vienna, VA 22180, (US),  
(applicant designated states: DE;GB)

INVENTOR:

ROBERTS, Marc, K., 5701 Wooden Hawk Lane, Burke, VA 22015, (US)  
CHIKOSKY, Matthew, A., 7388 Shady Palm Drive, Springfield, VA 22153, (US)  
SPEASL, Jerry, A., P.O. Box 5030, Suite 125, Livermore, California 94550,  
(US)

LEGAL REPRESENTATIVE:

Bridge-Butler, Alan James et al (28673), G.F. Redfern & Co., 7 Staple  
Inn, Holborn, London WC1V 7QF, (GB)

PATENT (CC, No, Kind, Date): EP 558670 A1 930908 (Basic)  
EP 558670 A1 931013  
EP 558670 B1 990414  
WO 9209169 920529

APPLICATION (CC, No, Date): EP 92902180 911120; WO 91US8500 911120

PRIORITY (CC, No, Date): US 615848 901120

DESIGNATED STATES: DE; GB

INTERNATIONAL PATENT CLASS: H04N-005/30; H04N-001/00; H04N-001/21;

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9915	153
CLAIMS B	(German)	9915	136
CLAIMS B	(French)	9915	179
SPEC B	(English)	9915	6194
Total word count - document A			0
Total word count - document B			6662
Total word count - documents A + B			6662

...SPECIFICATION 1 of February 1990, describes a video still camera using a  
semiconductor memory card to **store image** data in compressed form.  
Conventional prior art electronic still cameras, for example of the  
types...

11/3,K/15 (Item 15 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00472988

Image data processing apparatus

Vorrichtung zum Verarbeiten von Bilddaten

Dispositif de traitement de donnees d'image

PATENT ASSIGNEE:

FUJI PHOTO FILM CO., LTD., (202408), 210 Nakanuma Minami-Ashigara-shi,  
Kanagawa, (JP), (applicant designated states: DE;GB)

INVENTOR:

Masukane, Kazuyuki, c/o Fuji Photo Film Co., Ltd., 26-30, Nishi-Azabu  
2-chome, Minato-ku, Tokyo, (JP)

Bartsch, Kenneth E., 569 Hi-view Drive, Lititz, Pennsylvania 17543, (US)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhauser Anwaltssozietat (100721)  
 , Maximilianstrasse 58, 80538 Munchen, (DE)  
 PATENT (CC, No, Kind, Date): EP 484981. A2 920513 (Basic)  
 EP 484981 A3 931229  
 EP 484981 B1 980708  
 APPLICATION (CC, No, Date): EP 91119095 911108;  
 PRIORITY (CC, No, Date): US 610910 901109; US 611202 901109; US 611201  
 901109; US 610902 901109  
 DESIGNATED STATES: DE; GB  
 INTERNATIONAL PATENT CLASS: H04N-007/01; H04N-005/76; H04N-005/445;  
 G11B-027/32; G09G-001/16; H04N-005/262;  
 ABSTRACT WORD COUNT: 141

LANGUAGE (Publication,Procedural,Application): English; English; English  
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9828	1041
CLAIMS B	(German)	9828	953
CLAIMS B	(French)	9828	1198
SPEC B	(English)	9828	14369
Total word count - document A			0
Total word count - document B			17561
Total word count - documents A + B			17561

...SPECIFICATION such as a Video Graphics Array (VGA) image. This prior art imaging system includes a **personal** computer and an **image recording** and reproducing device which are interfaced to each other by an electronics board. For example...

...developed as bit-mapped data in a video memory included in the electronics board. The **personal** computer may **fetch** the bit-mapped data later as needed and, thereafter, handle them as VGA image or...

11/3,K/16 (Item 16 from file: 348)  
 DIALOG(R)File 348:EUROPEAN PATENTS  
 (c) 2003 European Patent Office. All rts. reserv.

00286088

**Improved user transaction guidance.**

**Benutzerfuehrung fur Transaktionen.**

**Guidage d'utilisateurs pour transactions.**

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,  
 Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Boothroyd, William Arnold, 2750 Bethelwood Lane, Rt. 2, Davidson North  
 Carolina 28036, (US)

Camann, James C., 9072 Tulagi Court, Tega Cay, Fort Mill South Carolina  
 29715, (US)

Palo, Robert Anthony, 1621 Bennington Drive, Concord North Carolina 28025  
 , (US)

LEGAL REPRESENTATIVE:

Schafer, Wolfgang, Dipl.-Ing. (62021), IBM Deutschland  
 Informationssysteme GmbH Patentwesen und Urheberrecht, D-70548  
 Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 284764 A2 881005 (Basic)  
 EP 284764 A3 900307  
 EP 284764 B1 940518

APPLICATION (CC, No, Date): EP 88102431 880219;

PRIORITY (CC, No, Date): US 20796 870302

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-003/02; G07F-007/10;

ABSTRACT WORD COUNT: 255

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1279
CLAIMS B	(German)	EPBBF1	1200
CLAIMS B	(French)	EPBBF1	1515
SPEC B	(English)	EPBBF1	10485
Total word count - document A			0
Total word count - document B			14479
Total word count - documents A + B			14479

...SPECIFICATION such as an automatic teller machine.

#### BACKGROUND OF THE INVENTION

The use of self-service **transaction machines** to obtain cash **after bank hours**, purchase airline tickets, check into or out of a hotel room, and the like has...

...or percentage of the population exhibits a high degree of resistance to using self-service **transaction machines**. Each of **these persons** has their own individual reasons for insisting on dealing with a human teller, reservation agent...

...it is also likely that the instruction provided for the operation of a self-service **transaction machine** do not **effectively show** a prespective user how to use the machine. The known technique of displaying instruction text...

...number of keys and switches and apertures to be actuated. The prior art includes an **automatic banking machine** which **authors a video camera** and microphone connection **between** a user of the self-service terminal and an assistance operator located at a central...

...required transaction procedure. This solution to the user guidance problem is expensive in that video **cameras** and audio connections **must** be installed into the **teller machine** or in the **immediate** vicinity, and a human operator must remain on duty for the system to be effective...

11/3,K/17 (Item 17 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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00237365

**System for producing colour image signals.**

**System zur Herstellung von Farbbildsignalen.**

**Systeme pour la production des signaux d'image en couleur.**

#### PATENT ASSIGNEE:

FUJI PHOTO FILM CO., LTD., (202400), 210 Nakanuma Minami Ashigara-shi,  
Kanagawa 250-01, (JP), (applicant designated states: DE;GB;NL)

#### INVENTOR:

Konishi, Masahiro, 2-26-30 Nishi-azabu, Minato-ku, Tokyo, (JP)  
Inuiya, Masafumi, 2-26-30 Nishi-azabu, Minato-ku, Tokyo, (JP)  
Muramatsu, Akira, 2-26-30 Nishi-azabu, Minato-ku, Tokyo, (JP)  
Kato, Masahiro, 2-26-30 Nishi-azabu, Minato-ku, Tokyo, (JP)

#### LEGAL REPRESENTATIVE:

Patentanwalte Grunecker, Kinkeldey, Stockmair & Partner (100721),  
Maximilianstrasse 58, W-8000 Munchen 22, (DE)

PATENT (CC, No, Kind, Date): EP 234316 A2 870902 (Basic)  
EP 234316 A3 891011  
EP 234316 B1 930721

APPLICATION (CC, No, Date): EP 87101164 870128;

PRIORITY (CC, No, Date): JP 8617163 860129

DESIGNATED STATES: DE; GB; NL

INTERNATIONAL PATENT CLASS: H04N-009/04;

ABSTRACT WORD COUNT: 184

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1515
CLAIMS B	(German)	EPBBF1	1083
CLAIMS B	(French)	EPBBF1	1506
SPEC B	(English)	EPBBF1	5339
Total word count - document A			0
Total word count - document B			9443
Total word count - documents A + B			9443

...SPECIFICATION according to equations 4 and 5. The blue, red and green signals are separated from **the image** by a color filter shown in Figure 1. Both color difference signals R - Y and...

11/3,K/18 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00924616

**LEUKOCYTE EXPRESSION PROFILING**  
**EVALUATION DU NIVEAU D'EXPRESSION LEUCOCYTAIRE**

Patent Applicant/Assignee:

BIOCARDIA INC, 384 Oyster Point Boulevard, #4, South San Francisco, CA  
94080, US, US (Residence), US (Nationality), (For all designated states  
except: US)

Patent Applicant/Inventor:

WOHLGEMUTH Jay, 664 Hamilton Avenue, Palo Alto, CA 94301, US, US  
(Residence), US (Nationality), (Designated only for: US)  
FRY Kirk, 2604 Ross Road, Palo Alto, CA 94303, US, US (Residence), US  
(Nationality), (Designated only for: US)  
MATCUK George, 141C Escondido Village, Stanford, CA 94305, US, US  
(Residence), US (Nationality), (Designated only for: US)  
ALTMAN Peter, 717 Evelyn Avenue, Albany, CA 94706, US, US (Residence), US  
(Nationality), (Designated only for: US)  
PRENTICE James, 120 Dolores Street, San Francisco, CA 94103, US, US  
(Residence), US (Nationality), (Designated only for: US)  
PHILLIPS Julie, 1090 Mirador Terrace, Pacifica, CA 94044, US, US  
(Residence), US (Nationality), (Designated only for: US)  
LY Ngoc, 2000 Crystal Springs Road 15-14, San Bruno, CA 94066, US, US  
(Residence), US (Nationality), (Designated only for: US)  
WOODWARD Robert, 1828 Rheem Court, Pleasanton, CA 94588, US, US  
(Residence), US (Nationality), (Designated only for: US)  
QUERTERMOUS Thomas, 44 El Rey Road, Portola Valley, CA 94028, US, US  
(Residence), US (Nationality), (Designated only for: US)  
JOHNSON Frances, 44 El Rey Road, Portola Valley, CA 94028, US, US  
(Residence), US (Nationality), (Designated only for: US)

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Street, San Francisco, CA 94105-2482, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200257414 A2-A3 20020725 (WO 0257414)

Application: WO 2001US47856 20011022 (PCT/WO US0147856)

Priority Application: US 2000241994 20001020; US 2001296764 20010608

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English  
Fulltext Word Count: 314482

Fulltext Availability:  
Detailed Description

Detailed Description  
... capacity removable drive such as a writeable CD-ROM, and other common peripheral elements.

Inputting **devices** such as a keyboard, mouse, or touch sensitive screen, optionally provide for input from a...obtained by the methods as described herein.

From each patient, the following clinical information was **obtained** if available.

Demographic information, ACR criteria for SLE, additional diagnoses of inflammatory and non-inflammatory...using batch Entrez (<http://www.ncbi.nlm.nih.gov/entrez/batchentrez.cgi?db=Nucleotide>) to **obtain** the sequence for that locus. The GenBank entry sequence was used because in most cases...or sense) of the reported sequence can be determined from the annotation in the GenBank **record**.

For accession numbers representing the sense strand, the sequence was downloaded and masked and a...

11/3,K/19 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00905272 \*\*Image available\*\*

**METHODS AND SYSTEM FOR COMMUNICATIONS SERVICE REVENUE COLLECTION  
PROCEDES ET SYSTEMES DESTINES AUX COLLECTES DES RECETTES D'UN SERVICE DE  
COMMUNICATIONS**

Patent Applicant/Assignee:

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(Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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(Nationality), (Designated only for: US)

ERICSON Petter, Industrigatan 2 B, S-212 14 Malmo, SE, SE (Residence), SE  
(Nationality), (Designated only for: US)

Legal Representative:

AWAPATENT AB (agent), Box 5117, SE-200 71 Malmo, SE,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200239349 A1 20020516 (WO 0239349)

Application: WO 2001SE2503 20011113 (PCT/WO SE0102503)

Priority Application: SE 20004156 20001113; US 2001277285 20010321; SE  
20011240 20010406

Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY  
BZ CA CH CN CO CR CU CZ CZ (utility model) DE DE (utility model) DK DK  
(utility model) DM DZ EC EE EE (utility model) ES FI FI (utility model)  
GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV  
MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SK  
(utility model) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9128

Fulltext Availability:  
Claims

Claim

... INFORMATION

Network enabled computers and other communications devices allow individuals to electronically communicate and to **electronically** conduct business **transactions** . For example, e-mail is often used for message transmission, and Internet web sites permit...may include, for example, a traditional ink container, a detector, such as a digital **camera** , an image processor, memory, and a transceiver. One of skill in the art will recognize...

...fewer components. For example, some digital pens may not include an ink container. The digital **camera** may take digital snapshots of the pattern, which may be illuminated by infrared light from the pen and visible to the **camera** . The image processor may calculate the exact position of the snapshots in the pattern. The...

...to the extent that coordinates corresponding to the snapshots can be determined.

The memory may **store** the data from the **image** processor and may **store** several fully written pages.

The transceiver may transmit information by IR light or radio waves...

11/3,K/20 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00852881 \*\*Image available\*\*

**ELECTRONIC COMMERCE SYSTEM AND METHOD USING LIVE IMAGES OF ONLINE SHOPPING MALL ON THE INTERNET**

**SYSTEME DE COMMERCE ELECTRONIQUE ET PROCEDE D'UTILISATION D'IMAGES EN TEMPS REEL D'UN CENTRE COMMERCIAL EN LIGNE SUR INTERNET**

Patent Applicant/Inventor:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200186533 A1 20011115 (WO 0186533)

Application: WO 2001KR761 20010510 (PCT/WO KR0100761)

Priority Application: KR 200025135 20000510

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 2833

Fulltext Availability:

Detailed Description

English Abstract

...for utilizing the same, in which an online shopping mall is



established by inputting live **images captured** by a plurality of **cameras** set up in an actual shopping mall and mapping link information in the live images, so that consumers can directly participate in **electronic commercial transactions**, communicating with sales clerks of the live images by phone or computer on the internet...

#### Detailed Description

... method for the same, in which an online shopping mall is established by inputting live **images captured** by a plurality of cameras set up in an actual marketing space for consumers to directly participate in **electronic commercial transactions**, checking market situations on the real-time basis.

#### DESCRIPTION OF THE PRIOR ART Computer and...

...method for the same, in which an online shopping mall is established by inputting live **images captured** by a plurality of cameras set up in virtual space for consumers to directly participate in **electronic commercial transactions** by communicating with clerks shown in the live images by phone or computer on the...for utilizing the same, in which an online shopping mall is established by inputting live **images captured** by a plurality of cameras set up in an actual shopping mall and mapping link information in the live images, so that consumers can directly participate in **electronic commercial transactions**, communicating with clerks of the live images by phone or computer on the internet as...

11/3,K/21 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00835906 \*\*Image available\*\*

#### **METHODS AND APPARATUS FOR COMMERCIAL TRANSACTIONS IN AN INTERACTIVE TOY ENVIRONMENT**

#### **PROCEDES ET APPAREILS DESTINES A DES TRANSACTIONS COMMERCIALES DANS UN ENVIRONNEMENT LUDIQUE INTERACTIF**

##### Patent Applicant/Assignee:

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WEISS Nathan, Meltzer Street 7A, 76285 Rehovot, IL, IL (Residence), IL (Nationality), (Designated only for: US)

##### Legal Representative:

COLB Sanford T (et al) (agent), Sanford T. Colb & Co., P.O. Box 2273, 76122 Rehovot, IL,

##### Patent and Priority Information (Country, Number, Date):

Patent: WO 200169572 A1 20010920 (WO 0169572)

Application: WO 2001IL245 20010315 (PCT/WO IL0100245)

Priority Application: US 2000189914 20000316; US 2000189915 20000316; US 2000189916 20000316; US 2000190874 20000321; US 2000191300 20000321; US 2000192011 20000324; US 2000192012 20000324; US 2000192013 20000324; US 2000192014 20000324; US 2000193697 20000331; US 2000193699 20000331; US 2000193702 20000331; US 2000193703 20000331; US 2000193704 20000331; US 2000204201 20000331; US 2000195861 20000407; US 2000195862 20000407; US 2000195863 20000407; US 2000195864 20000407; US 2000195865 20000407; US 2000195866 20000407; US 2000196227 20000410; US 2000197573 20000417; US 2000197576 20000417; US 2000197577 20000417; US 2000197578 20000417; US 2000197579 20000417; US 2000200508 20000428; US 2000200513 20000428; US

2000200639 20000428; US 2000200640 20000428; US 2000200641 20000428; US  
 2000200647 20000428; US 2000203175 20000508; US 2000203177 20000508; US  
 2000203182 20000508; US 2000203244 20000508; US 2000204200 20000515; US  
 2000207126 20000525; US 2000207128 20000525; US 2000208105 20000526; US  
 2000208390 20000530; US 2000208391 20000530; US 2000208392 20000530; US  
 2000209471 20000605; US 2000210443 20000608; US 2000210445 20000608; US  
 2000212696 20000619; US 2000215360 20000630; US 2000216237 20000705; US  
 2000216238 20000705; US 2000217357 20000712; US 2000219234 20000718; US  
 2000220276 20000724; US 2000221933 20000731; US 2000223877 20000808; US  
 2000227112 20000822; US 2000229371 20000830; US 2000229648 20000831; US  
 2000231105 20000906; US 2000231103 20000908; US 2000234883 20000925; US  
 2000234895 20000925; US 2000239329 20001010; US 2000253362 20001127; US  
 2000250332 20001129; US 2000254699 20001207; US 2001267350 20010208

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
 CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE  
 SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
 (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
 (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
 (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
 (EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English  
 Filing Language: English  
 Fulltext Word Count: 85011

Fulltext Availability:  
 Detailed Description

Detailed Description  
 ... by reference.

#### SUMMARY OF THE INVENTION

The present invention seeks to provide improved methods and **apparatus** for commercial **transactions** in an interactive toy environment.

There is thus provided in accordance with a preferred embodiment... includes crediting at least one sub-account in accordance with a type of non-commercial **transaction**.

Also, in accordance with a preferred embodiment of the present invention there is provided a...least one user to participate along with a plurality of other users in a commercial **transaction** conducted at least partially over the computer network, wherein potential buyers and sellers are matched...located at the server 1024. Information regarding the user and the toy involved in the **transaction** may be **obtained** by means of a separate input device such as via RF communication with user's...point 1058 relating toy ID 1040. Server 1004 or 1024 can generate similar types of **records** for debiting or other **transactions** associated with one or more toys and one or more user.

It is appreciated that...1122 credits toy 1120 account with 20 points. The server then notifies computer 1126 in **store** 1121 of the crediting **transaction**. Toy 1120 notifies user of the crediting. Server 1122 notifies user's computer 1144 (Fig...In another preferred embodiment of the present invention, toy 2140 promotes itself to a potential **customer** who is located in -the **store** 2142 without his own interactive toy. Sensors such as, for example, weight or light sensors...

...indication of whether the person is a child or an adult. In case a video **camera** with automated recognition functionality is present it is possible to obtain information regarding the gender...

11/3,K/22 (Item 5 from file: 349)  
 DIALOG(R) File 349:PCT FULLTEXT

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00760922      \*\*Image available\*\*

**ENCODING A VIDEO SIGNAL  
CODAGE DE SIGNAL VIDEO**

Patent Applicant/Assignee:

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Eindhoven, NL (Residence), NL (Nationality)

Inventor(s):

KLEIHORST Richard Petrus, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL  
OP DE BEECK Marc J R, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL  
VAN DER WERF Albert, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL  
VAN DER AVOIRD Andre, Prof. Holstlaan, NL-5656 AA Eindhoven, NL

Legal Representative:

GROENENDAAL Antonius W M, Internationaal Octrooibureau B.V., Prof.  
Holstlaan 6, NL-5656 AA Eindhoven, NL

Patent and Priority Information (Country, Number, Date):

Patent: WO 200074386 A1 20001207 (WO 0074386)  
Application: WO 2000EP4222 20000508 (PCT/WO EP0004222)  
Priority Application: EP 99201695 19990527

Designated States: CN JP KR

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 4325

Fulltext Availability:

Claims

Claim

... said pictures ffl,2,3, ...) relating to the region of interest  
(S(ROI)).

7 A **camera** system (1) comprising:  
an image sensor (2) for picking up a video signal which comprises...

...one or more other such docu  
other means ments, such combination being obvious to a **person** skilled  
**document** published prior to the intemational filing date but in the  
art. later than the pdonty...

...Y JEONGNAM YOUN ET AL: "Motion estimation 1-315,7  
for high performance transcoding"  
IEEE **TRANSACTIONS** ON CONSUMER  
**ELECTRONICS**, US, IEEE INC. NEW YORK,  
vol . 44, no. 3, 2 - 4 June 1998, pages  
649...

11/3,K/23      (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00758903      \*\*Image available\*\*

**REMOVABLE OPTICAL STORAGE DEVICE AND SYSTEM  
DISPOSITIF ET SYSTEME OPTIQUES DE STOCKAGE DE DONNEES AMOVIBLES**

Patent Applicant/Assignee:

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(Residence), US (Nationality)

Inventor(s):

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VOLAN Gregory D, 7245 Cardinal Lane, Longmont, CO 80503, US,  
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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200072312 A2-A3 20001130 (WO 0072312)  
Application: WO 2000US13736 20000518 (PCT/WO US0013736)

Priority Application: US 99315398 19990520

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 20981

Fulltext Availability:  
Detailed Description

Detailed Description

... described in the context of providing optical data storage for use in connection with digital **cameras**, the optical storage device and system of the present invention can also be used for...

...computer peripheral devices, computer game devices, gaming or gambling devices, still, video or motion picture **cameras**, automobile stereos or other audio or video devices, purchase or distribution devices such as **automatic teller machines** or other bank machines, vending machines, and the like. In one embodiment writeable media is...  
...and data header information. I 0 Although much of the description above was concerned with **recording image** data onto the medium, it is contemplated that digital **cameras** will commonly be used for viewing **stored images** (either **stored** by the same digital **camera**, or pre-recorded, e.g.

mass-distributed pre-recorded media), and accordingly, the drive preferably...

11/3,K/24 (Item 7 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00750741 \*\*Image available\*\*

**DETERMINING A FINAL EXPOSURE SETTING AUTOMATICALLY FOR A SOLID STATE CAMERA WITHOUT A SEPARATE LIGHT METERING CIRCUIT**  
**DETERMINATION AUTOMATIQUE DU REGLAGE FINAL DE L'EXPOSITION POUR UNE CAMERA A SEMI-CONDUCTEURS SANS CIRCUIT DE POSEMETRE SEPRE**

Patent Applicant/Assignee:

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12400 Wilshire Boulevard, Los Angeles, CA 90025, US  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200064147 A1 20001026 (WO 0064147)  
Application: WO 2000US10044 20000413 (PCT/WO US0010044)  
Priority Application: US 99294851 19990420  
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE  
DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 7150

Fulltext Availability:  
Claims

#### Claim

... EXPOSURE BUFFER  
CONTROL  
& H  
128 126  
132  
100 STORAGE AND/OR  
FIGm 1 STREAMING  
301  
**CAMERA** P@ @UP@'  
CAPTURE NOISE AND  
CHARACTERIZE VS. T INT AND GAINF  
303  
SHUTTER BUTTON DE...

...No.  
X KUNO T ET AL: "A new automatic exposure 1114  
system for digital still **cameras** "  
IEEE **TRANSACTIONS** ON CONSUMER **ELECTRONICS** ,  
FEB. 1998, IEEE, USA,  
vol. 44, no. 1, pages 192-199,  
XPOO2141907  
ISSN: 0098-3063...

...one or more other such docu  
other means ments, such combination being obvious to a **person** skilled  
?" **document** published prior to the international filing date but in the  
art. later than the priority...

11/3,K/25 (Item 8 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00741129 \*\*Image available\*\*  
**METHOD AND DEVICE FOR DETERMINING A DISPLACEMENT OF IMAGES IN AN IMAGE  
SEQUENCE**  
**PROCEDE ET DISPOSITIF POUR DETERMINER UN DECALAGE D'IMAGES D'UNE SEQUENCE  
D'IMAGES**  
**VERFAHREN UND VORRICHTUNG ZUR BESTIMMUNG EINER VERSCHIEBUNG VON BILDERN  
EINER BILDSEQUENZ**  
Patent Applicant/Assignee:  
ROBERT BOSH GMBH, Postfach 30 02 20, D-70442 Stuttgart, DE, DE  
(Residence), DE (Nationality), (For all designated states except: US)  
Patent Applicant/Inventor:

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, DE (Nationality), (Designated only for: US)  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200054494 A1 20000914 (WO 0054494)  
Application: WO 2000DE134 20000115 (PCT/WO DE0000134)  
Priority Application: DE 19909627 19990305  
Designated States: JP US  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
Publication Language: German  
Filing Language: German  
Fulltext Word Count: 7314

Fulltext Availability:  
Claims

Claim

... one or more other such docu  
other means ments, such combination being obvious to a **person** skilled  
"P<< **document** published phor to the international filing date but in  
the art. later than the pdohty...

...TIME 1-13  
IDENTIFICATION METHOD ON MOTION AND  
OUT-OF-FOCUS BLUR FOR A VIDEO **CAMERAI** '  
IEEE **TRANSACTIONS** ON CONSUMER  
**ELECTRONICS** ,USJEEE INC. NEW YORK,  
vol. 40, no. 2, 1 May 1994 (1994 01),  
pages 145...

...UOMORI ET AL: 'AUTOMATIC IMAGE 1-13  
STABILIZING SYSTEM BY FULL-DIGITAL SIGNAL  
PROCESSING'  
IEEE **TRANSACTIONS** ON CONSUMER  
**ELECTRONICS** ,USJEEE INC. NEW YORK,  
vol. 36, no. 3,  
1 August 1990 (1990 01), pages 510...

11/3,K/26 (Item 9 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00568429 \*\*Image available\*\*

**SLOTTED QUANTUM WELL SENSOR**  
**CAPTEUR A Puits QUANTIQUE A FENTES**

Patent Applicant/Assignee:

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Code 201-85, Pasadena, CA 91125, US, US (Residence), US (Nationality),  
(For all designated states except: US)

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(Designated only for: US)

BANDARA Sumith V, Jet Propulsion Laboratory, 4800 Oak Grove Drive, Mail  
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(Designated only for: US)

LIU John K, Jet Propulsion Laboratory, 4800 Oak Grove Drive, Mail Code  
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(Designated only for: US)

WILSON Daniel W, Jet Propulsion Laboratory, 4800 Oak Grove Drive, Mail  
Code 302-306, Pasadena, CA 91109, US, US (Residence), US (Nationality),  
(Designated only for: US)

Legal Representative:

HARRIS Scott C (agent), Fish & Richardson P.C., Suite 1400, 4225  
Executive Square, La Jolla, CA 92037, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200031802 A1 20000602 (WO 0031802)  
Application: WO 99US27471 19991119 (PCT/WO US9927471)  
Priority Application: US 98109329 19981120

Parent Application/Grant:

Related by Continuation to: US 98109329 19981120 (CIP)

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE

ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 3087

Fulltext Availability:

Claims

Claim

... x 486 GaAs/AlxGal-xAs Quantum 1-13 Well Infrared Photodetector  
Snap-Shot Camera, 'IEEE Transactions on Electron Devices',  
Vol 45, No. 9, September 1998 (09.98), pages 1890  
El Further documents are listed...

...document referring to an oral disclosure, use, exhibition or other means  
being obvious to a **person** skilled in the art "P" **document** published  
prior to the international filing date but later than the document member  
of the...

11/3,K/27 (Item 10 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00555147 \*\*Image available\*\*

**SORTING AND ACQUIRING IMAGE DATA FOR DOCUMENTS**

**TRI ET ACQUISITION DE DONNEES D'IMAGE DE DOCUMENTS**

Patent Applicant/Assignee:

OPEX CORPORATION,  
HAYDUCHOK George L,  
DEWITT Robert R,  
STEVENS Albert F,

Inventor(s):

HAYDUCHOK George L,  
DEWITT Robert R,  
STEVENS Albert F,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200018520 A1 20000406 (WO 0018520)

Application: WO 99US22398 19990924 (PCT/WO US9922398)

Priority Application: US 98160401 19980925

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM

TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ

BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT

SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 9175

Fulltext Availability:

Detailed Description

Detailed Description

... damaged. Damaged envelopes are typically outsourced prior to extraction. Further, it may be desirable to **obtain** an **image** of both faces of the envelopes. Accordingly, the envelope imager 25 may include a second line scan **camera**, opposing the first **camera** 26.

Acquisition and Processing of Envelope Image Data  
Referring now to Fig. 7, in response...

11/3,K/28 (Item 11 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00497750 \*\*Image available\*\*

**IMAGE SUBTRACTION TO REMOVE AMBIENT ILLUMINATION**  
**SOUSTRACTION D'IMAGES POUR SUPPRIMER UNE ILLUMINATION AMBIANTE**

Patent Applicant/Assignee:

SENSAR INC,

Inventor(s):

CAMUS Theodore A,

CHMIELEWSKI Thomas A Jr,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9929102 A1 19990610

Application: WO 98US25421 19981130 (PCT/WO US9825421)

Priority Application: US 97980989 19971201

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ  
VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH  
CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW  
ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 2234

Fulltext Availability:

Detailed Description

Detailed Description

... require a clear, well-focused image of the iris portion of the eye. Once that **image** is **obtained** a comparison of that **image** with a coded file image of the iris of the person to be identified can...

...unless that person positioned his eye in a fixed position relatively close to an imaging **camera**. In a commercial embodiment of this iris identification the user is required to position his...

...proper location for the device to function. However, the device is impractical for users of **automated teller machines** and for other situations in which an individual must be rapidly and unobtrusively identified. Yet, when one allows the person to be identified to stand away from the **camera** lens, ambient lighting conditions such as background lighting can confuse and distract the process of... shortcomings of the prior art. This system would be particularly useful to identify users of **automated teller machines** as well as individuals seeking access to a restricted area or facility or other applications...

...use to be commercially successful, there must be a rapid, reliable and unobtrusive way to **obtain** iris **images** of sufficient resolution to permit verification and recognition from an **ATM** user standing in front of the **teller machine**, and for the **obtaining images** of the subjects themselves to enable automatic iris image acquisition. To require the user to position his head a predetermined distance from the **camera**, such as by using an eyepiece or other fixture or without fixturing is impractical. Hence...



11/3,K/29 (Item 12 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00497518 \*\*Image available\*\*

**AUTOMATED BANKING MACHINE  
GUICHET AUTOMATIQUE BANCAIRE**

Patent Applicant/Assignee:

DIEBOLD INCORPORATED,

Inventor(s):

GRAEF H Thomas,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9928870 A2 19990610

Application: WO 98US24460 19981119 (PCT/WO US9824460)

Priority Application: US 97980467 19971128

Designated States: BR CA CN MX RU AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE

Publication Language: English

Fulltext Word Count: 11940

Fulltext Availability:

Detailed Description

Detailed Description

... as schematically indicated by rolls 78.

The journal printer is used to make a paper **record** of **transactions** conducted at **machine** I 0. Electronic journals may also ...which may be included in the machine are audio 1.5 output devices, customer sensors, **cameras** and recorders, and other apparatus suitable for use in the operation of the particular type of **automated banking machine** .

Transport paths 42, 46 and 74 are shown in greater detail in Figure 4.

Transport...

11/3,K/30 (Item 13 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00184273

**A COMPRESSION METHOD AND APPARATUS FOR SINGLE-SENSOR COLOR IMAGING SYSTEMS  
PROCEDE ET APPAREIL DE COMPRESSION POUR SYSTEMES D'IMAGERIE EN COULEUR A  
DETECTEUR INDIVIDUEL**

Patent Applicant/Assignee:

EASTMAN KODAK COMPANY,

Inventor(s):

TSAI Yusheng Timothy,

PARULSKI Kenneth A,

RABBANI Majid,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9101613 A1 19910207

Application: WO 90US4091 19900724 (PCT/WO US9004091)

Priority Application: US 89353 19890724

Designated States: AT BE CH DE DK ES FR GB IT JP LU NL SE

Publication Language: English

Fulltext Word Count: 5656

Fulltext Availability:

Detailed Description

Detailed Description

... used in

electronic still cameras as well as video cameras and

camcorders. In order to store high quality, low noise color images, an electronic camera should preferably use digital storage or recording rather than analog storage. U.S. Patent No. 4,131,919, "Electronic Still Camera" by Gareth A. Lloyd and Steven J. Sasson, assigned to Eastman Kodak Co. the assignee of the present invention, describes an electronic still camera which uses digital magnetic tape recording. The digital storage may also be accomplished by using a solid-state memory card. In all cases, the number of digital images which can be

SUBSTITUTE SHEET

stored can be increased, and the recording time per picture can be reduced, if digital data...

...of data required to represent the images, Conventional data compression methods for images from color cameras use the demultiplexed and interpolated three-color data instead of the directly digitized sensor output...

11/3,K/31 (Item 14 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00178114

AUTOMATED, INTERACTIVE VENDING SYSTEM FOR PRODUCTS WHICH MUST BE PROCESSED  
SYSTEME INTERACTIF DE DISTRIBUTION AUTOMATIQUE POUR PRODUITS A TRAITER

Patent Applicant/Assignee:

DELPHI PARTNERS LTD,

Inventor(s):

BOSTIC Steve,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9011582 A1 19901004

Application: WO 90US1749 19900328 (PCT/WO US9001749)

Priority Application: US 89112 19890329

Designated States: AT AU BB BE CA CH DE DK ES FI FR GB IT JP LU MC NL NO SE

Publication Language: English

Fulltext Word Count: 6483

English Abstract

An automated, interactive system for receiving, storing, processing, retrieving and dispensing film, still video camera diskettes, or other products which must be processed. The system includes an unmanned, automated and computerized apparatus analogous to an automatic teller machine (ATM). Instructions presented on an interactive video display prompt a patron to enter identification information and...

...the apparatus and stored in a compartmentalized storage unit while awaiting pick-up by the customer. A random access retrieval mechanism included in the apparatus allows packages of processed prints to be stored in any...

...is deposited by the patron. The self-contained, automated system of this embodiment accepts the film products and information concerning the customer and the order, opens the film cartridge, processes the negatives (or transmits information concerning a still video camera diskette to appropriate optics) and prints, cuts and packages the processed products, determines the fee...

File 9:Business & Industry(R) Jul/1994-2003/May 07  
 (c) 2003 Resp. DB Svcs.  
 File 15:ABI/Inform(R) 1971-2003/May 08  
 (c) 2003 ProQuest Info&Learning  
 File 20:Dialog Global Reporter 1997-2003/May 08  
 (c) 2003 The Dialog Corp.  
 File 95:TEME-Technology & Management 1989-2003/Apr W3  
 (c) 2003 FIZ TECHNIK  
 File 476:Financial Times Fulltext 1982-2003/May 08  
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 File 610:Business Wire 1999-2003/May 08  
 (c) 2003 Business Wire.  
 File 613:PR Newswire 1999-2003/May 08  
 (c) 2003 PR Newswire Association Inc  
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 (c) 2003 San Jose Mercury News  
 File 810:Business Wire 1986-1999/Feb 28  
 (c) 1999 Business Wire  
 File 813:PR Newswire 1987-1999/Apr 30  
 (c) 1999 PR Newswire Association Inc

?ds

Set	Items	Description
S1	227936	ATM OR ATMS OR AUTOMAT?() (BANKING OR TELLER?) ()MACHINE? OR BANKING()MACHINE? OR (TELLER? OR TRANSACTION?) (2N) (ELECTRONIC? OR MACHINE? OR DEVICE? OR APPARATUS?) OR CONSUMER()TRANSACTION? FACILIT? OR AUTOMATIC()DEPOSIT()PAYMENT()MACHINE?
S2	23165	(MANY OR VARIET? OR VARIOUS OR MULTI OR SEVERAL OR MULTIPL? OR NUMEROUS OR TWO) (5N) (CAMERA? OR IMAGE() (DEVICE? OR APPARATUS? OR RECORDER?))
S3	295209	(STORE? ? OR STORAGE OR STORING OR KEEP? OR KEPT OR SAVE OR SAVES OR SAVED OR SAVING) (5N) (IMAGE? ? OR PERSON? ? OR CLIENT? OR CUSTOMER? OR TRANSACTION?)
S4	124412	(RETRIEVAL? OR RETRIEVE? ? OR GETS OR GETTING OR OBTAIN? OR FETCH? ?) (5N) (IMAGE? ? OR PERSON? ? OR CLIENT? OR CUSTOMER? - OR TRANSACTION?)
S5	206633	(RECORDING? OR RECORD? ? OR DOCUMENT? OR CHRONICLE? OR FILM? ? OR PHOTOGRAPH OR PHOTOGRAPHS OR CAPTURE? ? OR CAPTURING)- (5N) (IMAGE? ? OR PERSON? ? OR CLIENT? OR CUSTOMER? OR TRANSACTION?)
S6	82	S1(S)S2
S7	8	S6(S) (S3 OR S4 OR S5)
S8	6	S7 NOT PY>1999
S9	6	RD (unique items)

*Reviewed all 3/15/03*

9/3,K/1 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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2169146 Supplier Number: 02169146 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Keeping Fraud Outside The Gate**  
(The financial services sector in 1997 spent \$493 mil worldwide on fraud  
detection technology; parts of the body are being examined)  
Collections & Credit Risk, v 3, n 6, p 77+  
June 1998  
DOCUMENT TYPE: Journal; Industry Overview ISSN: 0192-1541 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2621

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...Payroll Corp., the Ft. Worth, Texas-based provider of convenience store  
automated check-cashing and **ATM** services. Customers using Mr. Payroll  
machines enter a Social Security number. **Two cameras capture** a stereo  
view of the **person**'s face, a process adopted to defeat any attempt to  
simply hold a photograph up...

9/3,K/2 (Item 2 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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2167969 Supplier Number: 02167969 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Biometrics Face Up To Real-World Challenges**  
(Mr Payroll Corp (Fort Worth, TX) is testing 39 automated check-cashing  
machines that use face-recognition technology)  
Bank Network News, v 16, n 23, p 3+  
April 23, 1998  
DOCUMENT TYPE: Newsletter ISSN: 1021-318X (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1461

ABSTRACT:

...is testing 39 automated check-cashing machines that use face-recognition  
technology. Each machine has **two video cameras**, which compare a  
person's image with the **image** for that **person** stored in the system.  
Miros Inc (Wellesley, MA) provides software for the units. If any customer  
is rejected by the video system, a phone in the **ATM** can be used to  
contact a customer service representative, who can override the system to  
...

9/3,K/3 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01835540 04-86531  
**ATM security devices protect cash & members**  
Anonymous  
Credit Union Magazine v65n6 PP: 25-26 Jun 1999  
ISSN: 0011-1066 JRNL CODE: CUG  
WORD COUNT: 1303

...TEXT: an ATM can provide a quick solution, providing a safer environment  
for future ATM users.

**ATM** cameras. Financial institutions use closedcircuit television **cameras**  
at **ATM** locations to conduct **several** applications. They can place a  
**camera** within the face of an **ATM** so it can **capture** and **record**

images of ATM users completing transactions . Transaction data from the ATM , including the time, date, transaction number, and amount dispensed, can be affixed to the patron's image, providing extensive information in case the ATM user's identity is ever questioned.

Whenever a member questions the validity of a specific...

9/3,K/4 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01792756 04-43747

**New technologies to combat check fraud**  
Jeffords, Raymond; Thibadoux, Greg; Scheidt, Marsha  
CPA Journal v69n3 PP: 30-35 Mar 1999  
ISSN: 0732-8435 JRNL CODE: CPA  
WORD COUNT: 2733

...TEXT: fraud.

Less obtrusive biometric identification is currently available through the use of electronic signature equipment. **Customers** are asked to sign paper **documents** against a flat pad that senses the pattern, speed, and pressure of the electronic pen...

... physical features of the iris or retina, various facial dimensions, and analysis of speech patterns. **Automatic teller machines** are currently being developed that can identify bank customers based upon iris scans. In less than **two** seconds, a **camera** is able to locate and scan the iris, record distinct features in a barcode format...

9/3,K/5 (Item 3 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00608986 92-24089

**Tough Trends for ATMs**  
Schreiber, F. Barry  
Security Management v36n4 PP: 26-31 Apr 1992  
ISSN: 0145-9406 JRNL CODE: SEM  
WORD COUNT: 2701

...TEXT: risk at ATMs during after-hours transactions that they make.

Better lighting also will enhance **many** ATM **transaction** and surveillance **camera** **photographs** . ATM camera photos have been dramatically helpful in apprehending **ATM** robbers.

Quality ATM photographs of crime perpetrators have been used by the police and media...

9/3,K/6 (Item 4 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00336741 86-37155

**A Wide-Open Look at CCTV**  
Miller, Kenneth  
Security Management v30n10 PP: 81-82 Oct 1986  
ISSN: 0145-9406 JRNL CODE: SEM

...ABSTRACT: constantly developing new equipment for more uses, and prices

continue to fall. Some of the **many** CCTV advances are: 1. efficient **camera** selectors, 2. slow scan capability, 3. data module capability, which allows a monitor to view and **record** an **image** of an **automated teller machine** user and electronically add complete information on the transaction onto the same frame, 4. matrixed switching, which allows CCTV users to have **many camera** inputs, and 5. color minisystems.